

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080901.D
 Acq On : 05 Feb 2024 17:02
 Operator : JC\MD
 Sample : VN0205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	103039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	232111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	180715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115672	64.891	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.780%#			
35) Dibromofluoromethane	8.165	113	67223	47.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.680%			
50) Toluene-d8	10.565	98	257522	46.333	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.660%			
62) 4-Bromofluorobenzene	12.847	95	88247	45.563	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	28771	18.799	ug/l	98
3) Chloromethane	2.359	50	39752	17.279	ug/l	95
4) Vinyl Chloride	2.512	62	32749	18.724	ug/l	96
5) Bromomethane	2.948	94	13645	19.505	ug/l	98
6) Chloroethane	3.118	64	18110	19.422	ug/l	98
7) Trichlorofluoromethane	3.495	101	44175	19.515	ug/l	89
8) Diethyl Ether	3.953	74	20714	19.837	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	17848	13.522	ug/l #	68
10) Methyl Iodide	4.595	142	21015	18.860	ug/l #	88
11) Tert butyl alcohol	5.524	59	28698	98.763	ug/l	98
12) 1,1-Dichloroethene	4.342	96	26528	18.342	ug/l	92
13) Acrolein	4.177	56	37356	101.946	ug/l	99
14) Allyl chloride	5.018	41	51080	17.868	ug/l	93
15) Acrylonitrile	5.718	53	86530	99.015	ug/l	97
16) Acetone	4.430	43	80021	123.779	ug/l	95
17) Carbon Disulfide	4.718	76	77862	17.292	ug/l	97
18) Methyl Acetate	5.018	43	51128	22.693	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	98082	19.246	ug/l	99
20) Methylene Chloride	5.271	84	31924	18.812	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	29277	18.632	ug/l #	89
22) Diisopropyl ether	6.677	45	125081	19.830	ug/l	99
23) Vinyl Acetate	6.600	43	474488	103.964	ug/l	100
24) 1,1-Dichloroethane	6.571	63	64237	20.080	ug/l	94
25) 2-Butanone	7.483	43	133470	108.694	ug/l	97
26) 2,2-Dichloropropane	7.494	77	50258	19.438	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	34810	19.138	ug/l	96
28) Bromochloromethane	7.818	49	35215	20.792	ug/l	99
29) Tetrahydrofuran	7.847	42	79539	95.727	ug/l	98
30) Chloroform	7.971	83	58095	19.548	ug/l	91
31) Cyclohexane	8.259	56	55359	18.111	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	48437	20.098	ug/l	94
36) 1,1-Dichloropropene	8.371	75	49899	18.905	ug/l	95
37) Ethyl Acetate	7.565	43	46338	17.054	ug/l	99
38) Carbon Tetrachloride	8.365	117	40842	19.205	ug/l	89
39) Methylcyclohexane	9.600	83	40544	15.454	ug/l	95
40) Benzene	8.606	78	148488	19.141	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
 Data File : VN080901.D
 Acq On : 05 Feb 2024 17:02
 Operator : JC\MD
 Sample : VN0205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0205WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:45:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29869	18.652	ug/l	93
42) 1,2-Dichloroethane	8.677	62	57463	22.737	ug/l	94
43) Isopropyl Acetate	8.688	43	100932	20.403	ug/l	96
44) Trichloroethene	9.353	130	28200	16.504	ug/l	84
45) 1,2-Dichloropropane	9.630	63	36082	17.187	ug/l	99
46) Dibromomethane	9.718	93	23247	18.680	ug/l	99
47) Bromodichloromethane	9.888	83	48547	19.214	ug/l #	91
48) Methyl methacrylate	9.682	41	47318	19.730	ug/l	88
49) 1,4-Dioxane	9.694	88	10822	374.622	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	271875	98.313	ug/l	96
52) Toluene	10.629	92	74570	16.765	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	53052	18.024	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	56109	17.529	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	29622	17.329	ug/l	97
56) Ethyl methacrylate	10.877	69	51067	19.434	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	58931	18.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	136501	89.107	ug/l	98
59) 2-Hexanone	11.194	43	202840	94.428	ug/l	93
60) Dibromochloromethane	11.365	129	29131	18.322	ug/l	98
61) 1,2-Dibromoethane	11.471	107	29594	18.473	ug/l	98
64) Tetrachloroethene	11.106	164	23038	19.395	ug/l	88
65) Chlorobenzene	11.894	112	72767	18.450	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	25022	19.509	ug/l	92
67) Ethyl Benzene	11.965	91	144772	19.749	ug/l	99
68) m/p-Xylenes	12.071	106	102630	39.422	ug/l	94
69) o-Xylene	12.400	106	49079	18.973	ug/l	90
70) Styrene	12.412	104	82384	19.830	ug/l	94
71) Bromoform	12.582	173	16196	18.676	ug/l #	97
73) Isopropylbenzene	12.700	105	124731	19.029	ug/l	100
74) N-amyl acetate	12.500	43	79930	19.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	43154	18.716	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	39932m	18.497	ug/l	
77) Bromobenzene	12.982	156	26133	18.651	ug/l	96
78) n-propylbenzene	13.035	91	148466	18.959	ug/l	99
79) 2-Chlorotoluene	13.129	91	91578	18.400	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	99519	19.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16759	19.999	ug/l #	95
82) 4-Chlorotoluene	13.223	91	88281	17.913	ug/l	100
83) tert-Butylbenzene	13.441	119	76801	18.423	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	97219	18.381	ug/l	97
85) sec-Butylbenzene	13.618	105	113409	18.453	ug/l	99
86) p-Isopropyltoluene	13.735	119	89396	18.717	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	45567	18.181	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	45112	17.954	ug/l	97
89) n-Butylbenzene	14.059	91	86289	18.462	ug/l	97
90) Hexachloroethane	14.335	117	13536	16.197	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	45499	19.835	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8053	18.686	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	20457	17.327	ug/l	93
94) Hexachlorobutadiene	15.506	225	8657	16.784	ug/l	94
95) Naphthalene	15.641	128	77714	17.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	20963	18.064	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
Data File : VN080901.D
Acq On : 05 Feb 2024 17:02
Operator : JC\MD
Sample : VN0205WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:45:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020524\
Data File : VN080901.D
Acq On : 05 Feb 2024 17:02
Operator : JC\MD
Sample : VN0205WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0205WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 04:45:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

