

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081166.D
 Acq On : 23 Feb 2024 18:08
 Operator : JC\MD
 Sample : VN0223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	291452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	480383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	185421	51.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.171	113	155414	50.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.680%			
50) Toluene-d8	10.571	98	520894	47.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.960%			
62) 4-Bromofluorobenzene	12.853	95	203312	49.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	78738	20.890	ug/l	95
3) Chloromethane	2.365	50	75307	17.546	ug/l	99
4) Vinyl Chloride	2.512	62	84398	20.159	ug/l	94
5) Bromomethane	2.959	94	55136	18.542	ug/l	96
6) Chloroethane	3.118	64	58128	20.962	ug/l	93
7) Trichlorofluoromethane	3.501	101	127007	20.765	ug/l	95
8) Diethyl Ether	3.953	74	46865	20.958	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	70015	20.534	ug/l #	90
10) Methyl Iodide	4.595	142	62355	16.384	ug/l	99
11) Tert butyl alcohol	5.530	59	76185	115.963	ug/l	98
12) 1,1-Dichloroethene	4.342	96	64579	19.593	ug/l	81
13) Acrolein	4.177	56	35444	100.657	ug/l	99
14) Allyl chloride	5.030	41	94974	19.420	ug/l #	89
15) Acrylonitrile	5.718	53	201893	117.666	ug/l	99
16) Acetone	4.430	43	140709	100.102	ug/l	98
17) Carbon Disulfide	4.718	76	161083	17.522	ug/l	99
18) Methyl Acetate	5.030	43	91073	26.559	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	242889	21.516	ug/l	96
20) Methylene Chloride	5.271	84	78281	20.988	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	70879	19.275	ug/l	93
22) Diisopropyl ether	6.677	45	240712	21.698	ug/l #	97
23) Vinyl Acetate	6.606	43	951785	105.746	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	139361	21.726	ug/l #	93
25) 2-Butanone	7.489	43	259313	114.191	ug/l	98
26) 2,2-Dichloropropane	7.494	77	121044	20.140	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	87857	20.564	ug/l	86
28) Bromochloromethane	7.812	49	58859	22.134	ug/l #	67
29) Tetrahydrofuran	7.841	42	179097	118.144	ug/l #	87
30) Chloroform	7.971	83	145240	21.299	ug/l	99
31) Cyclohexane	8.259	56	121809	19.747	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	130902	21.078	ug/l	88
36) 1,1-Dichloropropene	8.371	75	102460	19.565	ug/l	97
37) Ethyl Acetate	7.571	43	110887	23.462	ug/l	98
38) Carbon Tetrachloride	8.365	117	107652	20.318	ug/l	95
39) Methylcyclohexane	9.606	83	119630	19.596	ug/l	88
40) Benzene	8.606	78	314319	20.736	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081166.D
 Acq On : 23 Feb 2024 18:08
 Operator : JC\MD
 Sample : VN0223WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	58806	21.862	ug/l	95
42) 1,2-Dichloroethane	8.677	62	115556	21.851	ug/l	99
43) Isopropyl Acetate	8.694	43	190829	23.086	ug/l	97
44) Trichloroethene	9.359	130	80689	19.986	ug/l	89
45) 1,2-Dichloropropane	9.624	63	79175	20.881	ug/l	99
46) Dibromomethane	9.712	93	56196	20.341	ug/l	92
47) Bromodichloromethane	9.894	83	111887	21.384	ug/l #	93
48) Methyl methacrylate	9.682	41	84059	21.855	ug/l	92
49) 1,4-Dioxane	9.700	88	38014	517.833	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	571968	120.287	ug/l	95
52) Toluene	10.635	92	200260	20.869	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	117914	20.279	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	129380	20.595	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	80039	21.686	ug/l	94
56) Ethyl methacrylate	10.877	69	121290	21.502	ug/l	90
57) 1,3-Dichloropropane	11.165	76	140184	21.966	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	260593	92.074	ug/l #	88
59) 2-Hexanone	11.200	43	430183	114.113	ug/l	96
60) Dibromochloromethane	11.365	129	82161	20.954	ug/l	98
61) 1,2-Dibromoethane	11.476	107	82044	21.139	ug/l	96
64) Tetrachloroethene	11.106	164	70519	21.509	ug/l	93
65) Chlorobenzene	11.894	112	207217	19.931	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	78685	21.071	ug/l	96
67) Ethyl Benzene	11.965	91	378832	20.363	ug/l	96
68) m/p-Xylenes	12.071	106	286744	40.210	ug/l	96
69) o-Xylene	12.400	106	139826	19.781	ug/l	98
70) Styrene	12.418	104	229194	20.461	ug/l	96
71) Bromoform	12.582	173	52390	22.113	ug/l #	96
73) Isopropylbenzene	12.700	105	378782	20.429	ug/l	99
74) N-amyl acetate	12.500	43	158160	20.183	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	113485	21.767	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	93941m	19.510	ug/l	
77) Bromobenzene	12.982	156	82455	19.944	ug/l	78
78) n-propylbenzene	13.041	91	437300	20.488	ug/l	96
79) 2-Chlorotoluene	13.129	91	257745	19.687	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	317003	21.087	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36570m	19.549	ug/l	
82) 4-Chlorotoluene	13.223	91	257261	20.096	ug/l	94
83) tert-Butylbenzene	13.441	119	277447	21.344	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	307315	20.514	ug/l	95
85) sec-Butylbenzene	13.618	105	380034	21.030	ug/l	93
86) p-Isopropyltoluene	13.735	119	303637	20.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	152912	19.575	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	153006	19.934	ug/l	97
89) n-Butylbenzene	14.059	91	271018	20.725	ug/l	98
90) Hexachloroethane	14.335	117	52699	21.240	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	153217	20.337	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23214	21.416	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	83413	19.845	ug/l	99
94) Hexachlorobutadiene	15.506	225	32636	20.820	ug/l	89
95) Naphthalene	15.647	128	313864	20.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84809	20.340	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
Data File : VN081166.D
Acq On : 23 Feb 2024 18:08
Operator : JC\MD
Sample : VN0223WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0223WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:02:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

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

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

