

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083174.D
 Acq On : 09 Aug 2024 11:57
 Operator : JC\MD
 Sample : VN0809WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 00:53:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136577	53.967	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.940%			
35) Dibromofluoromethane	8.165	113	98340	52.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.240%			
50) Toluene-d8	10.565	98	362880	51.560	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.847	95	139696	50.913	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	39055	19.370	ug/l	98
3) Chloromethane	2.365	50	37779	18.302	ug/l	98
4) Vinyl Chloride	2.512	62	39200	18.611	ug/l	99
5) Bromomethane	2.959	94	24882	19.038	ug/l	87
6) Chloroethane	3.118	64	24437	18.544	ug/l	98
7) Trichlorofluoromethane	3.495	101	69461	19.962	ug/l	99
8) Diethyl Ether	3.959	74	26048	20.118	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.365	101	37732	19.668	ug/l	98
10) Methyl Iodide	4.595	142	46900	18.585	ug/l	97
11) Tert butyl alcohol	5.518	59	52080	99.023	ug/l #	88
12) 1,1-Dichloroethene	4.342	96	35893	18.211	ug/l	95
13) Acrolein	4.177	56	30343	88.521	ug/l	100
14) Allyl chloride	5.024	41	63724	17.109	ug/l	95
15) Acrylonitrile	5.724	53	110730	102.370	ug/l	97
16) Acetone	4.430	43	95196	96.131	ug/l	94
17) Carbon Disulfide	4.712	76	98331	17.051	ug/l	100
18) Methyl Acetate	5.024	43	60384	20.466	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	145965	20.518	ug/l	97
20) Methylene Chloride	5.277	84	41486	18.203	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	37643	18.479	ug/l	94
22) Diisopropyl ether	6.671	45	139571	19.936	ug/l	97
23) Vinyl Acetate	6.606	43	730689m	101.823	ug/l	
24) 1,1-Dichloroethane	6.571	63	76632	20.081	ug/l	98
25) 2-Butanone	7.483	43	153054	100.658	ug/l	95
26) 2,2-Dichloropropane	7.489	77	70709	19.952	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	48253	19.630	ug/l	93
28) Bromochloromethane	7.818	49	33578	21.531	ug/l	86
29) Tetrahydrofuran	7.841	42	100990	102.744	ug/l	89
30) Chloroform	7.965	83	81469	20.549	ug/l	99
31) Cyclohexane	8.259	56	67251	17.932	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	74625	19.886	ug/l	92
36) 1,1-Dichloropropene	8.371	75	55147	19.322	ug/l	100
37) Ethyl Acetate	7.559	43	63343	19.822	ug/l #	95
38) Carbon Tetrachloride	8.359	117	62521	19.449	ug/l	96
39) Methylcyclohexane	9.600	83	65847	18.783	ug/l	95
40) Benzene	8.606	78	166284	19.557	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083174.D
 Acq On : 09 Aug 2024 11:57
 Operator : JC\MD
 Sample : VN0809WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/10/2024
 Supervised By :Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 00:53:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34694	19.094	ug/l	94
42) 1,2-Dichloroethane	8.671	62	66632	21.513	ug/l	98
43) Isopropyl Acetate	8.688	43	118314	19.963	ug/l #	96
44) Trichloroethene	9.353	130	39604	19.569	ug/l	92
45) 1,2-Dichloropropane	9.624	63	41410	20.518	ug/l	99
46) Dibromomethane	9.712	93	31081	21.515	ug/l	98
47) Bromodichloromethane	9.888	83	66201	20.409	ug/l #	97
48) Methyl methacrylate	9.682	41	54119	20.484	ug/l	94
49) 1,4-Dioxane	9.700	88	19319	405.312	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	322233	106.631	ug/l	94
52) Toluene	10.629	92	108888	20.269	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	68205	20.470	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	70778	19.971	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	40171	20.865	ug/l	99
56) Ethyl methacrylate	10.877	69	73450	20.237	ug/l	93
57) 1,3-Dichloropropane	11.165	76	71558	20.853	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	146747	95.653	ug/l	97
59) 2-Hexanone	11.194	43	243727	104.251	ug/l	94
60) Dibromochloromethane	11.359	129	48054	20.644	ug/l	100
61) 1,2-Dibromoethane	11.471	107	41645	20.591	ug/l	96
64) Tetrachloroethene	11.106	164	34514	19.818	ug/l	93
65) Chlorobenzene	11.894	112	115047	19.797	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	41576	20.286	ug/l	100
67) Ethyl Benzene	11.965	91	210652	19.760	ug/l	100
68) m/p-Xylenes	12.071	106	158009	39.568	ug/l	98
69) o-Xylene	12.400	106	77764	19.744	ug/l	100
70) Styrene	12.412	104	131308	19.850	ug/l	97
71) Bromoform	12.582	173	31809	20.487	ug/l #	99
73) Isopropylbenzene	12.694	105	202534	19.434	ug/l	99
74) N-amyl acetate	12.494	43	99003	19.422	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	57632	19.553	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	53466m	19.552	ug/l	
77) Bromobenzene	12.982	156	45567	19.683	ug/l	95
78) n-propylbenzene	13.035	91	232581	19.381	ug/l	99
79) 2-Chlorotoluene	13.123	91	147738	19.419	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	167814	19.234	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22236	17.688	ug/l	97
82) 4-Chlorotoluene	13.223	91	144818	18.977	ug/l	97
83) tert-Butylbenzene	13.441	119	147036	19.029	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	170039	19.338	ug/l	100
85) sec-Butylbenzene	13.618	105	202338	19.191	ug/l	100
86) p-Isopropyltoluene	13.729	119	168967	19.410	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	82557	18.952	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	82298	18.740	ug/l	97
89) n-Butylbenzene	14.059	91	145094	19.235	ug/l	96
90) Hexachloroethane	14.335	117	31857	18.942	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	79501	18.860	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14045	19.636	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	44361	18.784	ug/l	98
94) Hexachlorobutadiene	15.506	225	18792	17.893	ug/l	98
95) Naphthalene	15.641	128	157483	18.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44634	19.101	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
Data File : VN083174.D
Acq On : 09 Aug 2024 11:57
Operator : JC\MD
Sample : VN0809WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 00:53:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

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

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

