

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067170.D
 Acq On : 26 May 2021 16:11
 Operator : JC/MD
 Sample : VN0526WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:36:34 PM

Quant Time: May 27 02:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.594	168	230447	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	423479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	380833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	161894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.954	65	181066	50.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.26%
35) Dibromofluoromethane	7.514	113	138758	53.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.78%
50) Toluene-d8	10.035	98	533815	53.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.74%
62) 4-Bromofluorobenzene	12.355	95	187859	54.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.88%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.850	85	56048	19.03	ug/l	99
3) Chloromethane	2.048	50	71795	17.39	ug/l	99
4) Vinyl Chloride	2.177	62	64460	18.19	ug/l	98
5) Bromomethane	2.515	94	34268	17.86	ug/l	97
6) Chloroethane	2.668	64	36260	19.10	ug/l	100
7) Trichlorofluoromethane	2.979	101	76497	18.13	ug/l	98
8) Diethyl Ether	3.368	74	36694	18.82	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.703	101	52613	19.70	ug/l	89
10) Methyl Iodide	3.891	142	62079	15.80	ug/l	# 85
11) Tert butyl alcohol	4.714	59	61213	81.24	ug/l	97
12) 1,1-Dichloroethene	3.681	96	50840	18.37	ug/l	85
13) Acrolein	3.555	56	51650	82.47	ug/l	90
14) Allyl chloride	4.255	41	110685	18.20	ug/l	# 92
15) Acrylonitrile	4.899	53	141801	91.53	ug/l	98
16) Acetone	3.762	43	126040	85.74	ug/l	95
17) Carbon Disulfide	3.992	76	154988	18.22	ug/l	100
18) Methyl Acetate	4.258	43	78760	19.19	ug/l	90
19) Methyl tert-butyl Ether	4.961	73	170417	18.50	ug/l	96
20) Methylene Chloride	4.481	84	64974	17.98	ug/l	89
21) trans-1,2-Dichloroethene	4.958	96	57402	19.02	ug/l	85
22) Diisopropyl ether	5.870	45	200459	19.07	ug/l	# 92
23) Vinyl Acetate	5.808	43	898739	93.12	ug/l	# 93
24) 1,1-Dichloroethane	5.765	63	109820	18.05	ug/l	96
25) 2-Butanone	6.750	43	205898	88.11	ug/l	89
26) 2,2-Dichloropropane	6.739	77	91684	17.74	ug/l	98
27) cis-1,2-Dichloroethene	6.747	96	66072	18.83	ug/l	88
28) Bromochloromethane	7.112	49	59483	20.19	ug/l	# 4
29) Tetrahydrofuran	7.133	42	128395	84.69	ug/l	# 84
30) Chloroform	7.297	83	113026	19.05	ug/l	100
31) Cyclohexane	7.584	56	98103	17.73	ug/l	90
32) 1,1,1-Trichloroethane	7.498	97	92108	18.14	ug/l	97
36) 1,1-Dichloropropene	7.720	75	80399	18.78	ug/l	96
37) Ethyl Acetate	6.846	43	87771	18.60	ug/l	# 94
38) Carbon Tetrachloride	7.702	117	77653	18.62	ug/l	96
39) Methylcyclohexane	9.021	83	93042	19.77	ug/l	91
40) Benzene	7.973	78	250365	19.13	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067170.D
 Acq On : 26 May 2021 16:11
 Operator : JC/MD
 Sample : VN0526WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0526WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:36:34 PM

Quant Time: May 27 02:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.095	41	38767	17.13	ug/l #	86
42) 1,2-Dichloroethane	8.053	62	87939	19.74	ug/l	98
43) Isopropyl Acetate	8.099	43	149822	18.29	ug/l #	85
44) Trichloroethene	8.777	130	56377	19.24	ug/l	83
45) 1,2-Dichloropropane	9.056	63	67276	18.83	ug/l	96
46) Dibromomethane	9.150	93	42023	19.21	ug/l #	84
47) Bromodichloromethane	9.343	83	88405	19.43	ug/l	96
48) Methyl methacrylate	9.142	41	64687	17.78	ug/l	86
49) 1,4-Dioxane	9.145	88	19867	418.94	ug/l #	93
51) 4-Methyl-2-Pentanone	9.928	43	428355	94.44	ug/l	92
52) Toluene	10.099	92	154236	19.56	ug/l	99
53) t-1,3-Dichloropropene	10.330	75	93407	19.28	ug/l	100
54) cis-1,3-Dichloropropene	9.783	75	106125	19.54	ug/l #	89
55) 1,1,2-Trichloroethane	10.507	97	60557	19.88	ug/l	97
56) Ethyl methacrylate	10.381	69	90389	18.64	ug/l #	85
57) 1,3-Dichloropropane	10.654	76	103163	19.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.641	63	121578	168.14	ug/l	91
59) 2-Hexanone	10.703	43	258296	88.31	ug/l	91
60) Dibromochloromethane	10.850	129	62404	19.77	ug/l	100
61) 1,2-Dibromoethane	10.952	107	58505	19.45	ug/l	98
64) Tetrachloroethene	10.579	164	47964	18.44	ug/l	93
65) Chlorobenzene	11.384	112	154997	19.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.459	131	57555	19.46	ug/l	97
67) Ethyl Benzene	11.462	91	287803	19.74	ug/l	96
68) m/p-Xylenes	11.574	106	209835	40.66	ug/l	88
69) o-Xylene	11.899	106	104271	19.62	ug/l	87
70) Styrene	11.920	104	165960	19.60	ug/l	95
71) Bromoform	12.081	173	41095	20.87	ug/l #	98
73) Isopropylbenzene	12.202	105	275825	17.41	ug/l	97
74) N-amyl acetate	12.049	43	21148	7.07	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.457	83	90499	17.16	ug/l	97
76) 1,2,3-Trichloropropane	12.508	75	81506m	18.09	ug/l	
77) Bromobenzene	12.481	156	59281	18.43	ug/l	73
78) n-propylbenzene	12.545	91	323502	19.02	ug/l	93
79) 2-Chlorotoluene	12.626	91	196818	17.88	ug/l	91
80) 1,3,5-Trimethylbenzene	12.687	105	235530	18.02	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.258	75	20990	18.65	ug/l #	80
82) 4-Chlorotoluene	12.728	91	188945	19.14	ug/l	91
83) tert-Butylbenzene	12.945	119	198786	16.96	ug/l	91
84) 1,2,4-Trimethylbenzene	12.993	105	226220	19.12	ug/l	96
85) sec-Butylbenzene	13.125	105	280610	19.09	ug/l	94
86) p-Isopropyltoluene	13.245	119	232519	20.25	ug/l	95
87) 1,3-Dichlorobenzene	13.237	146	104615	19.55	ug/l	96
88) 1,4-Dichlorobenzene	13.318	146	102199	17.92	ug/l	91
89) n-Butylbenzene	13.572	91	207864	21.84	ug/l	95
90) Hexachloroethane	13.825	117	40637	17.23	ug/l	73
91) 1,2-Dichlorobenzene	13.610	146	103462	20.28	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.235	75	14578	16.60	ug/l	76
93) 1,2,4-Trichlorobenzene	14.871	180	52136	20.77	ug/l	97
94) Hexachlorobutadiene	14.962	225	28819	20.43	ug/l	96
95) Naphthalene	15.090	128	134396	18.96	ug/l	99
96) 1,2,3-Trichlorobenzene	15.267	180	49364	21.29	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067170.D
 Acq On : 26 May 2021 16:11
 Operator : JC/MD
 Sample : VN0526WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0526WBSD01

Manual Integrations
APPROVED

MMDadoda
 5/28/2021 2:36:34 PM

Quant Time: May 27 02:39:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

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

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

