

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062103.D
 Acq On : 25 Jun 2020 11:40
 Operator : JC/MD
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:55 PM

Quant Time: Jun 26 02:08:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	237026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	166454	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	7.55	113	134159	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	10.06	98	532237	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.37	95	175329	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	49563	18.499	ug/l	96
3) Chloromethane	2.03	50	65588	19.991	ug/l	98
4) Vinyl Chloride	2.16	62	78976	18.718	ug/l	100
5) Bromomethane	2.53	94	49139	18.021	ug/l	100
6) Chloroethane	2.67	64	54859	19.034	ug/l	98
7) Trichlorofluoromethane	2.98	101	94975	18.268	ug/l	99
8) Diethyl Ether	3.37	74	35913	19.783	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51092	18.767	ug/l	98
10) Methyl Iodide	3.91	142	53128	17.328	ug/l	97
11) Tert butyl alcohol	4.73	59	45859	96.024	ug/l	99
12) 1,1-Dichloroethene	3.69	96	51618	18.966	ug/l	99
13) Acrolein	3.57	56	46510	99.470	ug/l	98
14) Allyl chloride	4.27	41	71332	19.251	ug/l	99
15) Acrylonitrile	4.93	53	128386	98.651	ug/l	100
16) Acetone	3.78	43	113043	105.937	ug/l	100
17) Carbon Disulfide	4.01	76	149774	19.244	ug/l	100
18) Methyl Acetate	4.28	43	51309	19.404	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169400	19.479	ug/l	98
20) Methylene Chloride	4.50	84	63079	20.530	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	58112	18.743	ug/l	98
22) Diisopropyl ether	5.90	45	161606	19.154	ug/l	95
23) Vinyl Acetate	5.84	43	661972	96.101	ug/l	99
24) 1,1-Dichloroethane	5.80	63	101331	18.651	ug/l	99
25) 2-Butanone	6.79	43	159003	97.798	ug/l	98
26) 2,2-Dichloropropane	6.77	77	87886	19.412	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64886	18.598	ug/l	98
28) Bromochloromethane	7.15	49	43665	18.524	ug/l	98
29) Tetrahydrofuran	7.17	42	103829	97.492	ug/l	99
30) Chloroform	7.33	83	103641	18.750	ug/l	99
31) Cyclohexane	7.62	56	84930	18.481	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	88541	18.994	ug/l	99
36) 1,1-Dichloropropene	7.75	75	77792	18.173	ug/l	99
37) Ethyl Acetate	6.88	43	67425	19.022	ug/l	99
38) Carbon Tetrachloride	7.73	117	76320	18.911	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062103.D
 Acq On : 25 Jun 2020 11:40
 Operator : JC/MD
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:00:55 PM

Quant Time: Jun 26 02:08:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82884	17.672	ug/l	98
40) Benzene	8.00	78	244076	18.707	ug/l	98
41) Methacrylonitrile	7.12	41	24785	15.083	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	82106	18.626	ug/l	99
43) Isopropyl Acetate	8.13	43	107621	18.625	ug/l #	90
44) Trichloroethene	8.80	130	59732	18.149	ug/l	98
45) 1,2-Dichloropropane	9.08	63	60616	18.832	ug/l	97
46) Dibromomethane	9.17	93	40456	18.538	ug/l	99
47) Bromodichloromethane	9.37	83	84350	19.142	ug/l	98
48) Methyl methacrylate	9.17	41	47944	18.505	ug/l	98
49) 1,4-Dioxane	9.17	88	20932	364.324	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	324058	95.989	ug/l	99
52) Toluene	10.12	92	152851	19.201	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91423	18.858	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	99458	19.270	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60286	19.265	ug/l	98
56) Ethyl methacrylate	10.40	69	80581	19.295	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101181	18.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	149935	94.998	ug/l	99
59) 2-Hexanone	10.72	43	238595	97.873	ug/l	100
60) Dibromochloromethane	10.87	129	62778	18.949	ug/l	99
61) 1,2-Dibromoethane	10.98	107	61411	19.099	ug/l	100
64) Tetrachloroethene	10.60	164	49419	18.144	ug/l	98
65) Chlorobenzene	11.41	112	162027	18.504	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57464	18.979	ug/l	99
67) Ethyl Benzene	11.48	91	280148	18.944	ug/l	99
68) m/p-Xylenes	11.60	106	211851	37.038	ug/l	97
69) o-Xylene	11.92	106	100622	18.645	ug/l	98
70) Styrene	11.94	104	164924	18.324	ug/l	98
71) Bromoform	12.10	173	41067	19.076	ug/l #	99
73) Isopropylbenzene	12.22	105	267140	19.449	ug/l	99
74) N-amyl acetate	12.05	43	88252	19.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89818	19.651	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	75417m	18.055	ug/l	
77) Bromobenzene	12.50	156	64819	19.008	ug/l	97
78) n-propylbenzene	12.56	91	303555	19.321	ug/l	100
79) 2-Chlorotoluene	12.65	91	183186	19.287	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	216641	19.457	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27281	19.073	ug/l	96
82) 4-Chlorotoluene	12.75	91	187239	19.063	ug/l	99
83) tert-Butylbenzene	12.97	119	179272	18.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	220966	19.870	ug/l	98
85) sec-Butylbenzene	13.15	105	245713	19.514	ug/l	100
86) p-Isopropyltoluene	13.26	119	213230	19.329	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	114792	19.171	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	113060	18.317	ug/l	99
89) n-Butylbenzene	13.59	91	170407	18.580	ug/l	100
90) Hexachloroethane	13.85	117	40510	18.717	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	108808	18.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14573	19.903	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
Data File : VN062103.D
Acq On : 25 Jun 2020 11:40
Operator : JC/MD
Sample : VN0625WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:00:55 PM

Quant Time: Jun 26 02:08:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47989	18.919	ug/l	96
94) Hexachlorobutadiene	14.99	225	21221	19.262	ug/l	98
95) Naphthalene	15.10	128	131905	18.345	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	46613	17.971	ug/l	97

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

