

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063123.D
 Acq On : 25 Aug 2020 19:52
 Operator : JC/MD
 Sample : L3783-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB181-GW-498-500MS

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:27:14 AM

Quant Time: Aug 26 07:19:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	215326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	338488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	293285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	131913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	134731	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.55	113	101685	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	10.06	98	409320	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	138126	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	107638	38.327	ug/l	100
3) Chloromethane	2.04	50	127796	43.285	ug/l	99
4) Vinyl Chloride	2.17	62	143131	50.129	ug/l	98
5) Bromomethane	2.54	94	57440	33.893	ug/l	96
6) Chloroethane	2.68	64	85018	50.433	ug/l	99
7) Trichlorofluoromethane	2.99	101	142553	40.035	ug/l	99
8) Diethyl Ether	3.38	74	66463	52.763	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78634	40.983	ug/l	98
10) Methyl Iodide	3.91	142	81516	33.518	ug/l	99
11) Tert butyl alcohol	4.74	59	92789	256.691	ug/l	100
12) 1,1-Dichloroethene	3.70	96	87985	48.138	ug/l	95
13) Acrolein	3.58	56	3021	26.677	ug/l	93
14) Allyl chloride	4.28	41	123423	38.298	ug/l	98
15) Acrylonitrile	4.94	53	272132	256.133	ug/l	99
16) Acetone	3.78	43	231664	291.758	ug/l	98
17) Carbon Disulfide	4.01	76	189177	39.521	ug/l	99
18) Methyl Acetate	4.28	43	265980	104.877	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	369229	57.925	ug/l	100
20) Methylene Chloride	4.51	84	107888	47.894	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	92340	48.275	ug/l	99
22) Diisopropyl ether	5.91	45	405001	55.380	ug/l	97
23) Vinyl Acetate	5.85	43	1169603	237.002	ug/l	100
24) 1,1-Dichloroethane	5.80	63	206403	50.507	ug/l	99
25) 2-Butanone	6.79	43	360383	265.991	ug/l	98
26) 2,2-Dichloropropane	6.78	77	132671	41.281	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120220	50.144	ug/l	99
28) Bromochloromethane	7.15	49	103532	48.419	ug/l	98
29) Tetrahydrofuran	7.17	42	236016	269.907	ug/l	99
30) Chloroform	7.33	83	207620	50.445	ug/l	98
31) Cyclohexane	7.62	56	157075	41.761	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	162951	48.496	ug/l	99
36) 1,1-Dichloropropene	7.75	75	129658	43.467	ug/l	99
37) Ethyl Acetate	6.89	43	131932	47.202	ug/l	99
38) Carbon Tetrachloride	7.73	117	114898	38.153	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063123.D
 Acq On : 25 Aug 2020 19:52
 Operator : JC/MD
 Sample : L3783-03MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 BP-VPB181-GW-498-500MS

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:27:14 AM

Quant Time: Aug 26 07:19:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	136875	34.488	ug/l	98
40) Benzene	8.00	78	440894	46.602	ug/l	100
41) Methacrylonitrile	7.13	41	73835	55.444	ug/l	95
42) 1,2-Dichloroethane	8.09	62	152595	48.036	ug/l	99
43) Isopropyl Acetate	8.13	43	232472	50.204	ug/l	99
44) Trichloroethene	8.81	130	131680	55.955	ug/l	100
45) 1,2-Dichloropropane	9.09	63	129985	47.531	ug/l	98
46) Dibromomethane	9.18	93	74145	46.932	ug/l	99
47) Bromodichloromethane	9.37	83	157484	45.513	ug/l	99
48) Methyl methacrylate	9.17	41	116992	53.398	ug/l	96
49) 1,4-Dioxane	9.17	88	34561	721.179	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	754166	257.667	ug/l	100
52) Toluene	10.13	92	268456	47.039	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	164266	45.906	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	183248	46.683	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	112762	46.208	ug/l	98
56) Ethyl methacrylate	10.40	69	187030	49.636	ug/l	100
57) 1,3-Dichloropropane	10.68	76	189690	46.811	ug/l	99
59) 2-Hexanone	10.72	43	542186	265.571	ug/l	100
60) Dibromochloromethane	10.88	129	113239	41.931	ug/l	100
61) 1,2-Dibromoethane	10.98	107	109061	46.512	ug/l	99
64) Tetrachloroethene	10.61	164	151430	78.547	ug/l	98
65) Chlorobenzene	11.41	112	280311	47.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	94394	41.201	ug/l	100
67) Ethyl Benzene	11.49	91	492938	49.528	ug/l	99
68) m/p-Xylenes	11.60	106	372961	100.824	ug/l	99
69) o-Xylene	11.92	106	183926	51.778	ug/l	99
70) Stvrene	11.94	104	296965	42.430	ug/l	99
71) Bromoform	12.10	173	62700	34.382	ug/l #	100
73) Isopropylbenzene	12.23	105	462420	51.190	ug/l	99
74) N-amyl acetate	12.05	43	209195	64.660	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	131099	44.799	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	123355m	48.109	ug/l	
77) Bromobenzene	12.50	156	123327	49.640	ug/l	99
78) n-propylbenzene	12.57	91	515913	50.106	ug/l	100
79) 2-Chlorotoluene	12.65	91	314914	48.625	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	378640	50.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	46362	49.659	ug/l	98
82) 4-Chlorotoluene	12.75	91	328904	49.875	ug/l	99
83) tert-Butylbenzene	12.97	119	313155	48.587	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	388324	53.379	ug/l	100
85) sec-Butylbenzene	13.15	105	391892	44.990	ug/l	99
86) p-Isopropyltoluene	13.26	119	363829	47.936	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	205775	48.194	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	207225	47.817	ug/l	99
89) n-Butylbenzene	13.59	91	308828	43.323	ug/l	100
90) Hexachloroethane	13.85	117	26270	16.284	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	207266	50.254	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	28782	63.265	ug/l	99
93) 1,2,4-Trichlorobenzene	14.89	180	127186	55.120	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
Data File : VN063123.D
Acq On : 25 Aug 2020 19:52
Operator : JC/MD
Sample : L3783-03MS
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB181-GW-498-500MS

Manual Integrations
APPROVED

MMDadoda
8/26/2020 11:27:14 AM

Quant Time: Aug 26 07:19:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	44420	29.146	ug/l	99
95) Naphthalene	15.10	128	404899	73.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	127100	56.180	ug/l	100

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

