

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060512.D
 Acq On : 13 Mar 2020 18:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:04:55 PM

Quant Time: Mar 16 09:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	123940	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.57	113	92913	60.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.26%	
50) Toluene-d8	10.08	98	368472	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	142967	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	68124	38.029	ug/l	100
3) Chloromethane	2.04	50	131431	42.141	ug/l	100
4) Vinyl Chloride	2.16	62	103921	38.852	ug/l	100
5) Bromomethane	2.54	94	43092	39.521	ug/l	99
6) Chloroethane	2.68	64	62317	43.001	ug/l	99
7) Trichlorofluoromethane	3.00	101	144938	42.412	ug/l	99
8) Diethyl Ether	3.38	74	59701	46.269	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	84559	43.721	ug/l	100
10) Methyl Iodide	3.93	142	56199	31.839	ug/l	100
11) Tert butyl alcohol	4.72	59	89672	240.905	ug/l	99
12) 1,1-Dichloroethene	3.72	96	84368	44.938	ug/l	99
13) Acrolein	3.58	56	94041	270.811	ug/l	99
14) Allyl chloride	4.29	41	151834	43.870	ug/l	96
15) Acrylonitrile	4.94	53	262600	267.651	ug/l	99
16) Acetone	3.78	43	212939	263.041	ug/l	100
17) Carbon Disulfide	4.03	76	201711	40.358	ug/l	100
18) Methyl Acetate	4.28	43	138660	51.326	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	329954	48.414	ug/l	97
20) Methylene Chloride	4.52	84	102062	45.907	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	90139	44.649	ug/l	96
22) Diisopropyl ether	5.92	45	360808	51.466	ug/l	99
23) Vinyl Acetate	5.86	43	1421168	255.110	ug/l	99
24) 1,1-Dichloroethane	5.82	63	193065	48.650	ug/l	99
25) 2-Butanone	6.80	43	351867	269.098	ug/l	100
26) 2,2-Dichloropropane	6.80	77	150634	41.695	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	112819	43.763	ug/l	98
28) Bromochloromethane	7.17	49	79347	48.698	ug/l	94
29) Tetrahydrofuran	7.18	42	235103	258.565	ug/l	97
30) Chloroform	7.35	83	190231	48.154	ug/l	99
31) Cyclohexane	7.63	56	157928	46.542	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	162801	46.512	ug/l	100
36) 1,1-Dichloropropene	7.77	75	135967	43.209	ug/l	100
37) Ethyl Acetate	6.90	43	150797	50.611	ug/l	99
38) Carbon Tetrachloride	7.75	117	129615	42.307	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060512.D
 Acq On : 13 Mar 2020 18:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:04:55 PM

Quant Time: Mar 16 09:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	149581	40.317	ug/l	98
40) Benzene	8.02	78	413726	45.173	ug/l	98
41) Methacrylonitrile	7.15	41	73518m	53.438	ug/l	
42) 1,2-Dichloroethane	8.10	62	151210	45.752	ug/l	99
43) Isopropyl Acetate	8.14	43	260433	49.928	ug/l	99
44) Trichloroethene	8.82	130	106983	41.942	ug/l	100
45) 1,2-Dichloropropane	9.10	63	116287	48.563	ug/l	99
46) Dibromomethane	9.19	93	70957	45.668	ug/l	98
47) Bromodichloromethane	9.39	83	152745	48.336	ug/l	99
48) Methyl methacrylate	9.18	41	115052	48.369	ug/l	98
49) 1,4-Dioxane	9.18	88	29087	869.558	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	770768	260.615	ug/l	99
52) Toluene	10.14	92	258979	45.015	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	173208	44.732	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	182970	45.602	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	105141	45.445	ug/l	98
56) Ethyl methacrylate	10.42	69	168692	50.752	ug/l	97
57) 1,3-Dichloropropane	10.70	76	182768	48.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	412451	237.261	ug/l	98
59) 2-Hexanone	10.74	43	556600	256.325	ug/l	100
60) Dibromochloromethane	10.89	129	114469	48.652	ug/l	99
61) 1,2-Dibromoethane	10.99	107	105447	46.754	ug/l	97
64) Tetrachloroethene	10.62	164	101483	41.632	ug/l	99
65) Chlorobenzene	11.43	112	271797	43.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	104690	45.549	ug/l	99
67) Ethyl Benzene	11.50	91	504458	44.562	ug/l	99
68) m/p-Xylenes	11.62	106	372905	87.310	ug/l	99
69) o-Xylene	11.94	106	181324	44.521	ug/l	100
70) Styrene	11.96	104	304663	45.498	ug/l	99
71) Bromoform	12.12	173	81878	49.429	ug/l #	100
73) Isopropylbenzene	12.24	105	492056	44.416	ug/l	100
74) N-amyl acetate	12.06	43	228624	47.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	156551	51.987	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	140493m	42.842	ug/l	
77) Bromobenzene	12.52	156	119852	44.135	ug/l	97
78) n-propylbenzene	12.59	91	575367	44.308	ug/l	99
79) 2-Chlorotoluene	12.67	91	344029	45.070	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	414156	44.402	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	55603	46.806	ug/l #	84
82) 4-Chlorotoluene	12.77	91	354280	44.052	ug/l	99
83) tert-Butylbenzene	12.99	119	351399	43.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	417729	44.371	ug/l	99
85) sec-Butylbenzene	13.17	105	476582	44.070	ug/l	99
86) p-Isopropyltoluene	13.28	119	421614	42.123	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	215258	46.117	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	214905	46.293	ug/l	99
89) n-Butylbenzene	13.61	91	384300	41.825	ug/l	99
90) Hexachloroethane	13.87	117	62079	42.849	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	211044	44.352	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32268	47.318	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
Data File : VN060512.D
Acq On : 13 Mar 2020 18:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:04:55 PM

Quant Time: Mar 16 09:21:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	132004	43.670	ug/l	99
94) Hexachlorobutadiene	15.01	225	62782	45.115	ug/l	99
95) Naphthalene	15.13	128	386888	43.407	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	123120	43.214	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060512.D
 Acq On : 13 Mar 2020 18:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 Client Sample ID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:04:55 PM

Quant Time: Mar 16 09:21:53 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

