

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/6/2020 11:33:58 AM

Quant Time: Jul 03 01:46:33 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	7.62	168	168825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	310373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	291436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	129257	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	7.55	113	97111	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.06	98	399544	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.37	95	141948	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	83582	43.800	ug/l	97
3) Chloromethane	2.03	50	113638	50.599	ug/l	100
4) Vinyl Chloride	2.16	62	128729	42.836	ug/l	98
5) Bromomethane	2.52	94	83966	43.232	ug/l	94
6) Chloroethane	2.66	64	87219	42.487	ug/l	100
7) Trichlorofluoromethane	2.98	101	157950	42.655	ug/l	97
8) Diethyl Ether	3.37	74	69207	53.524	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94257	48.608	ug/l	97
10) Methyl Iodide	3.91	142	113006	51.746	ug/l	99
11) Tert butyl alcohol	4.73	59	91079	267.752	ug/l	100
12) 1,1-Dichloroethene	3.69	96	93866	48.422	ug/l	94
13) Acrolein	3.56	56	63460	190.548	ug/l	97
14) Allyl chloride	4.27	41	150223	56.918	ug/l	98
15) Acrylonitrile	4.92	53	261440	282.042	ug/l	99
16) Acetone	3.77	43	272490	368.339	ug/l	96
17) Carbon Disulfide	4.00	76	257968	46.464	ug/l	100
18) Methyl Acetate	4.27	43	110725	58.791	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	342968	55.368	ug/l	98
20) Methylene Chloride	4.50	84	118007	54.277	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	104246	47.205	ug/l	92
22) Diisopropyl ether	5.90	45	352910	58.727	ug/l	98
23) Vinyl Acetate	5.84	43	1465351	298.667	ug/l	97
24) 1,1-Dichloroethane	5.79	63	207433	53.605	ug/l	98
25) 2-Butanone	6.78	43	353459	305.226	ug/l	95
26) 2,2-Dichloropropane	6.77	77	177329	54.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	128112	51.555	ug/l	95
28) Bromochloromethane	7.15	49	93439	55.652	ug/l	90
29) Tetrahydrofuran	7.16	42	220477	290.651	ug/l	96
30) Chloroform	7.32	83	207390	52.676	ug/l	98
31) Cyclohexane	7.61	56	170536	52.100	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	168207	50.661	ug/l	97
36) 1,1-Dichloropropene	7.75	75	155561	49.864	ug/l	98
37) Ethyl Acetate	6.88	43	143514	55.555	ug/l	97
38) Carbon Tetrachloride	7.73	117	136714	46.482	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062336.D
 Acq On : 2 Jul 2020 16:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/6/2020 11:33:58 AM

Quant Time: Jul 03 01:46:33 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	174537	51.061	ug/l	97
40) Benzene	8.00	78	475074	49.962	ug/l	98
41) Methacrylonitrile	7.13	41	69384	57.935	ug/l	89
42) 1,2-Dichloroethane	8.08	62	168191	52.353	ug/l	98
43) Isopropyl Acetate	8.12	43	237179	56.321	ug/l #	90
44) Trichloroethene	8.80	130	110500	46.068	ug/l	96
45) 1,2-Dichloropropane	9.08	63	125276	53.403	ug/l	99
46) Dibromomethane	9.17	93	79010	49.676	ug/l	96
47) Bromodichloromethane	9.37	83	167623	52.195	ug/l	99
48) Methyl methacrylate	9.17	41	113394	60.055	ug/l	91
49) 1,4-Dioxane	9.16	88	43659	1042.661	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	720243	292.732	ug/l	97
52) Toluene	10.12	92	298919	51.522	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	190629	53.954	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	206348	54.857	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	117882	51.688	ug/l	97
56) Ethyl methacrylate	10.40	69	176011	57.830	ug/l	96
57) 1,3-Dichloropropane	10.68	76	208091	53.010	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	308052	238.517	ug/l	97
59) 2-Hexanone	10.72	43	541706	304.901	ug/l	98
60) Dibromochloromethane	10.87	129	123136	50.998	ug/l	99
61) 1,2-Dibromoethane	10.98	107	117790	50.265	ug/l	100
64) Tetrachloroethene	10.60	164	86567	43.484	ug/l	97
65) Chlorobenzene	11.40	112	312918	48.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	110177	49.785	ug/l	99
67) Ethyl Benzene	11.48	91	575756	53.267	ug/l	99
68) m/p-Xylenes	11.60	106	433582	103.712	ug/l	96
69) o-Xylene	11.92	106	205540	52.108	ug/l	94
70) Styrene	11.94	104	362294	55.073	ug/l	99
71) Bromoform	12.10	173	80175	50.954	ug/l #	97
73) Isopropylbenzene	12.22	105	564039	50.377	ug/l	99
74) N-amyl acetate	12.04	43	210550	51.012	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	179134	48.078	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	163796m	48.105	ug/l	
77) Bromobenzene	12.50	156	126069	45.353	ug/l	90
78) n-propylbenzene	12.56	91	671600	52.440	ug/l	98
79) 2-Chlorotoluene	12.65	91	388279	50.149	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	473751	52.196	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	62123	53.281	ug/l	97
82) 4-Chlorotoluene	12.75	91	414731	51.799	ug/l	97
83) tert-Butylbenzene	12.97	119	383834	49.414	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	470826	51.939	ug/l	99
85) sec-Butylbenzene	13.15	105	545793	53.176	ug/l	99
86) p-Isopropyltoluene	13.26	119	484087	53.832	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	242548	49.691	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	238591	47.419	ug/l	99
89) n-Butylbenzene	13.59	91	424528	56.784	ug/l	99
90) Hexachloroethane	13.85	117	89123	50.514	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	231759	48.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30569	51.215	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
Data File : VN062336.D
Acq On : 2 Jul 2020 16:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
7/6/2020 11:33:58 AM

Quant Time: Jul 03 01:46:33 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	107028	51.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	46525	51.804	ug/l	98
95) Naphthalene	15.10	128	310174	45.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	108758	51.439	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070220\
Data File : VN062336.D
Acq On : 2 Jul 2020 16:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
7/6/2020 11:33:58 AM

Quant Time: Jul 03 01:46:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

