

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049813.D
 Acq On : 13 Jul 2018 22:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:02:50 AM

Quant Time: Jul 14 01:44:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1133953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1671772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1539598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	823155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	670755	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	7.59	113	639986	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	10.09	98	2137402	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	803102	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	459420	46.68	ug/l	97
3) Chloromethane	2.06	50	622821	47.84	ug/l	100
4) Vinyl Chloride	2.18	62	699771	48.63	ug/l	99
5) Bromomethane	2.56	94	412169	46.14	ug/l	98
6) Chloroethane	2.70	64	458510	45.46	ug/l	99
7) Trichlorofluoromethane	3.01	101	996270	46.34	ug/l	99
8) Diethyl Ether	3.41	74	349812	45.40	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	628957	45.07	ug/l	99
10) Methyl Iodide	3.95	142	890211	50.19	ug/l	99
11) Tert butyl alcohol	4.80	59	197483	223.69	ug/l	100
12) 1,1-Dichloroethene	3.74	96	552337	45.04	ug/l	98
13) Acrolein	3.61	56	140424	181.09	ug/l	96
14) Allyl chloride	4.33	41	885354	44.24	ug/l	98
15) Acrylonitrile	5.00	53	1055103	238.64	ug/l	98
16) Acetone	3.82	43	743972	228.99	ug/l	99
17) Carbon Disulfide	4.05	76	1418719	45.12	ug/l	99
18) Methyl Acetate	4.33	43	552158	50.12	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1653373	48.61	ug/l	99
20) Methylene Chloride	4.55	84	670407	49.53	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	596725	44.52	ug/l	99
22) Diisopropyl ether	5.96	45	2068209	50.31	ug/l	96
23) Vinyl Acetate	5.90	43	6780444	246.14	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1198324	46.40	ug/l	100
25) 2-Butanone	6.84	43	1179530	229.46	ug/l	100
26) 2,2-Dichloropropane	6.83	77	847477	39.54	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	711914	46.44	ug/l	98
28) Bromochloromethane	7.20	49	575964	49.04	ug/l	98
29) Tetrahydrofuran	7.22	42	777133	240.75	ug/l	99
30) Chloroform	7.37	83	1261535	47.41	ug/l	99
31) Cyclohexane	7.66	56	948900	46.15	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	1066226	47.18	ug/l	99
36) 1,1-Dichloropropene	7.80	75	890459	46.22	ug/l	100
37) Ethyl Acetate	6.93	43	548613	48.11	ug/l	99
38) Carbon Tetrachloride	7.78	117	930166	46.19	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049813.D
 Acq On : 13 Jul 2018 22:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:02:50 AM

Quant Time: Jul 14 01:44:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	909116	44.77	ug/l	97
40) Benzene	8.04	78	2722800	47.24	ug/l	99
41) Methacrylonitrile	7.18	41	293211	45.46	ug/l	97
42) 1,2-Dichloroethane	8.13	62	882925	46.84	ug/l	100
43) Isopropyl Acetate	8.17	43	1243994	60.69	ug/l	96
44) Trichloroethene	8.84	130	706171	45.51	ug/l	99
45) 1,2-Dichloropropane	9.12	63	745700	48.15	ug/l	99
46) Dibromomethane	9.21	93	436321	47.43	ug/l	98
47) Bromodichloromethane	9.40	83	978336	48.30	ug/l	99
48) Methyl methacrylate	9.20	41	487969	47.62	ug/l	98
49) 1,4-Dioxane	9.20	88	130399	971.11	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2800905	251.68	ug/l	100
52) Toluene	10.16	92	1698808	49.25	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	935094	47.99	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1079308	48.63	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	645652	49.47	ug/l	100
56) Ethyl methacrylate	10.43	69	790682	50.79	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1067599	48.58	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1922929	257.53	ug/l	100
59) 2-Hexanone	10.75	43	1831380	247.54	ug/l	99
60) Dibromochloromethane	10.90	129	745419	49.33	ug/l	100
61) 1,2-Dibromoethane	11.01	107	609399	48.55	ug/l	100
64) Tetrachloroethene	10.63	164	641223	45.87	ug/l	99
65) Chlorobenzene	11.44	112	1890908	47.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	738867	48.96	ug/l	99
67) Ethyl Benzene	11.51	91	3241276	49.35	ug/l	100
68) m/p-Xylenes	11.62	106	2505163	101.62	ug/l	99
69) o-Xylene	11.95	106	1193455	50.11	ug/l	99
70) Styrene	11.97	104	2025052	53.53	ug/l	100
71) Bromoform	12.13	173	509662	49.99	ug/l #	100
73) Isopropylbenzene	12.25	105	3246184	47.45	ug/l	100
74) N-amyl acetate	12.07	43	888308	49.91	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	806039	51.18	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	666319m	45.57	ug/l	
77) Bromobenzene	12.53	156	839788	46.27	ug/l	99
78) n-propylbenzene	12.59	91	3750847	48.63	ug/l	100
79) 2-Chlorotoluene	12.68	91	2234814	47.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2672393	49.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	209920	46.36	ug/l	100
82) 4-Chlorotoluene	12.77	91	2242460	47.90	ug/l	100
83) tert-Butylbenzene	12.99	119	2318338	47.66	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2744594	50.34	ug/l	100
85) sec-Butylbenzene	13.17	105	3131656	49.12	ug/l	99
86) p-Isopropyltoluene	13.29	119	2708146	50.20	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1492921	47.45	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1450848	47.43	ug/l	99
89) n-Butylbenzene	13.62	91	2189217	49.16	ug/l	99
90) Hexachloroethane	13.88	117	510819	48.92	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1479920	48.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	121199	50.13	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
Data File : VN049813.D
Acq On : 13 Jul 2018 22:38
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/16/2018 11:02:50 AM

Quant Time: Jul 14 01:44:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	735911	43.99	ug/l	99
94) Hexachlorobutadiene	15.01	225	451197	47.96	ug/l	99
95) Naphthalene	15.14	128	1521081	42.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	739941	49.69	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
Data File : VN049813.D
Acq On : 13 Jul 2018 22:38
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
7/16/2018 11:02:50 AM

Quant Time: Jul 14 01:44:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

