

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049383.D
 Acq On : 19 Jun 2018 13:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:53:59 PM

Quant Time: Jun 20 04:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1587625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2323727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2133814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1102916	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	950279	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	7.59	113	859366	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
50) Toluene-d8	10.09	98	3262654	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.40	95	1136847	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	868063	47.504	ug/l	100
3) Chloromethane	2.06	50	1044926	44.283	ug/l	97
4) Vinyl Chloride	2.18	62	1148626	45.802	ug/l	98
5) Bromomethane	2.56	94	592570	44.949	ug/l	99
6) Chloroethane	2.70	64	709326	47.438	ug/l	99
7) Trichlorofluoromethane	3.01	101	1469767	46.979	ug/l	99
8) Diethyl Ether	3.41	74	521316	47.728	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	920559	46.393	ug/l	93
10) Methyl Iodide	3.95	142	980386	47.461	ug/l	92
11) Tert butyl alcohol	4.80	59	313671	253.799	ug/l	98
12) 1,1-Dichloroethene	3.73	96	842394	46.276	ug/l	91
13) Acrolein	3.61	56	467926	361.035	ug/l	100
14) Allyl chloride	4.32	41	1387016	48.256	ug/l	89
15) Acrylonitrile	4.99	53	1532504	247.980	ug/l	99
16) Acetone	3.82	43	1285320	251.395	ug/l	92
17) Carbon Disulfide	4.05	76	2549334	44.681	ug/l	99
18) Methyl Acetate	4.33	43	742004	47.597	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	2336705	50.347	ug/l	99
20) Methylene Chloride	4.55	84	961150	45.011	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	902350	46.822	ug/l	93
22) Diisopropyl ether	5.96	45	2826733	49.248	ug/l	94
23) Vinyl Acetate	5.90	43	9709919	259.497	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1686900	45.918	ug/l	99
25) 2-Butanone	6.84	43	1777272	258.881	ug/l	97
26) 2,2-Dichloropropane	6.82	77	1419920	47.858	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	1016528	47.443	ug/l	92
28) Bromochloromethane	7.19	49	743552	45.652	ug/l	85
29) Tetrahydrofuran	7.21	42	1127302	255.092	ug/l	93
30) Chloroform	7.37	83	1697780	46.437	ug/l	99
31) Cyclohexane	7.65	56	1534314	49.263	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1470324	47.133	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1333469	50.069	ug/l	98
37) Ethyl Acetate	6.93	43	784064	54.154	ug/l	97
38) Carbon Tetrachloride	7.77	117	1324581	48.041	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049383.D
 Acq On : 19 Jun 2018 13:44
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 4:53:59 PM

Quant Time: Jun 20 04:38:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1452822	50.819	ug/l	96
40) Benzene	8.04	78	3926771	48.093	ug/l	99
41) Methacrylonitrile	7.18	41	411155	52.529	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1214765	48.156	ug/l	97
43) Isopropyl Acetate	8.17	43	1460919	52.811	ug/l	95
44) Trichloroethene	8.84	130	1044516	48.444	ug/l	94
45) 1,2-Dichloropropane	9.12	63	1017133	47.577	ug/l	100
46) Dibromomethane	9.21	93	605817	48.871	ug/l	92
47) Bromodichloromethane	9.40	83	1303103	47.836	ug/l	97
48) Methyl methacrylate	9.20	41	707909	54.342	ug/l	87
49) 1,4-Dioxane	9.20	88	192937	1073.104	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	3885960	268.027	ug/l	94
52) Toluene	10.16	92	2438568	50.887	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	1330170	51.043	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1549737	50.366	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	859733	48.124	ug/l	98
56) Ethyl methacrylate	10.43	69	1130031	54.830	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1451114	49.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1559794	213.890	ug/l	95
59) 2-Hexanone	10.75	43	2577167	275.717	ug/l	92
60) Dibromochloromethane	10.90	129	984962	49.399	ug/l	99
61) 1,2-Dibromoethane	11.01	107	836608	50.381	ug/l	100
64) Tetrachloroethene	10.63	164	1094793	50.070	ug/l	98
65) Chlorobenzene	11.44	112	2633032	47.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	965455	46.672	ug/l	99
67) Ethyl Benzene	11.51	91	4639986	50.890	ug/l	98
68) m/p-Xylenes	11.62	106	3561070	104.072	ug/l	97
69) o-Xylene	11.95	106	1702654	51.663	ug/l	96
70) Styrene	11.97	104	2796882	53.792	ug/l	97
71) Bromoform	12.13	173	668631	49.935	ug/l #	100
73) Isopropylbenzene	12.25	105	4565876	47.149	ug/l	98
74) N-amyl acetate	12.07	43	1204891	50.798	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	1008500	50.653	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	913086m	48.521	ug/l	
77) Bromobenzene	12.53	156	1140755	44.598	ug/l	90
78) n-propylbenzene	12.59	91	5224614	49.137	ug/l	98
79) 2-Chlorotoluene	12.68	91	3119052	46.296	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3722664	48.908	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	289048	48.545	ug/l	92
82) 4-Chlorotoluene	12.78	91	3139965	48.310	ug/l	97
83) tert-Butylbenzene	12.99	119	3147673	46.679	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3778271	49.968	ug/l	99
85) sec-Butylbenzene	13.17	105	4249209	47.344	ug/l	99
86) p-Isopropyltoluene	13.29	119	3683715	49.125	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	2013730	47.855	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1956701	46.915	ug/l	99
89) n-Butylbenzene	13.62	91	2961829	50.569	ug/l	97
90) Hexachloroethane	13.88	117	689043	48.504	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	1945121	47.130	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	153212	45.445	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049383.D
Acq On : 19 Jun 2018 13:44
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/20/2018 4:53:59 PM

Quant Time: Jun 20 04:38:58 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	837836	44.835	ug/l	98
94) Hexachlorobutadiene	15.01	225	603740	50.013	ug/l	99
95) Naphthalene	15.14	128	1660000	49.557	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	841420	45.815	ug/l	99

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

