

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010522.D
 Acq On : 22 May 2019 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:41:56 AM

Quant Time: May 23 07:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	221911	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	200695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	69620	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
35) Dibromofluoromethane	7.88	113	71053	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
50) Toluene-d8	10.32	98	264879	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	104712	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.00	85	55323	50.067	ug/l	98
3) Chloromethane	2.21	50	63366	48.624	ug/l	98
4) Vinyl Chloride	2.35	62	67398	44.649	ug/l	100
5) Bromomethane	2.75	94	50297	48.435	ug/l	96
6) Chloroethane	2.91	64	48128	49.668	ug/l	99
7) Trichlorofluoromethane	3.25	101	113788	51.059	ug/l	97
8) Diethyl Ether	3.68	74	38906	55.073	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	70623	51.458	ug/l	100
10) Methyl Iodide	4.27	142	79523	50.694	ug/l	99
11) Tert butyl alcohol	5.17	59	30942	268.699	ug/l	99
12) 1,1-Dichloroethene	4.03	96	66547	50.795	ug/l	95
13) Acrolein	3.89	56	16606	247.236	ug/l	98
14) Allyl chloride	4.67	41	97876	51.612	ug/l	100
15) Acrylonitrile	5.37	53	80836	273.227	ug/l	98
16) Acetone	4.12	43	62908	240.730	ug/l	100
17) Carbon Disulfide	4.38	76	195487	50.026	ug/l	100
18) Methyl Acetate	4.67	43	33182	51.918	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	187121	56.026	ug/l	96
20) Methylene Chloride	4.92	84	77167	50.364	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	80018	53.249	ug/l	100
22) Diisopropyl ether	6.31	45	209011	53.752	ug/l	99
23) Vinyl Acetate	6.26	43	628369	270.530	ug/l	100
24) 1,1-Dichloroethane	6.21	63	126445	54.492	ug/l	99
25) 2-Butanone	7.17	43	98646	263.777	ug/l	100
26) 2,2-Dichloropropane	7.17	77	106802	48.319	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	89889	55.021	ug/l	98
28) Bromochloromethane	7.51	49	48089	57.883	ug/l	95
29) Tetrahydrofuran	7.52	42	67122	265.241	ug/l	98
30) Chloroform	7.68	83	138466	55.322	ug/l	99
31) Cyclohexane	7.95	56	115501	47.518	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	125251	52.357	ug/l	98
36) 1,1-Dichloropropene	8.08	75	103248	49.946	ug/l	99
37) Ethyl Acetate	7.25	43	46517	52.916	ug/l	98
38) Carbon Tetrachloride	8.07	117	111808	50.138	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
 Data File : VW010522.D
 Acq On : 22 May 2019 21:01
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 11:41:56 AM

Quant Time: May 23 07:56:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	136050	49.123	ug/l	97
40) Benzene	8.32	78	301667	52.503	ug/l	100
41) Methacrylonitrile	7.48	41	26051	49.875	ug/l	96
42) 1,2-Dichloroethane	8.40	62	89600	54.562	ug/l	100
43) Isopropyl Acetate	8.42	43	90977	51.803	ug/l	99
44) Trichloroethene	9.09	130	90063	52.799	ug/l	99
45) 1,2-Dichloropropane	9.37	63	71904	52.693	ug/l	97
46) Dibromomethane	9.46	93	43198	54.130	ug/l	97
47) Bromodichloromethane	9.65	83	106431	53.071	ug/l	98
48) Methyl methacrylate	9.43	41	41094	51.147	ug/l	98
49) 1,4-Dioxane	9.45	88	14451	1108.502	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	230082	258.546	ug/l	99
52) Toluene	10.39	92	203140	52.645	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	105303	51.846	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	123275	53.145	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	63508	55.340	ug/l	96
56) Ethyl methacrylate	10.65	69	83113	52.513	ug/l	99
57) 1,3-Dichloropropane	10.93	76	105467	54.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	189557	270.396	ug/l	99
59) 2-Hexanone	10.97	43	161574	254.522	ug/l	99
60) Dibromochloromethane	11.13	129	79369	54.647	ug/l	99
61) 1,2-Dibromoethane	11.24	107	63393	54.532	ug/l	99
64) Tetrachloroethene	10.86	164	73082	52.238	ug/l	99
65) Chlorobenzene	11.66	112	225641	52.753	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	82191	53.642	ug/l	100
67) Ethyl Benzene	11.73	91	382463	50.646	ug/l	99
68) m/p-Xylenes	11.84	106	301951	101.941	ug/l	100
69) o-Xylene	12.16	106	145128	51.714	ug/l	99
70) Styrene	12.18	104	249522	52.403	ug/l	99
71) Bromoform	12.35	173	44698	52.974	ug/l #	100
73) Isopropylbenzene	12.46	105	385448	49.263	ug/l	100
74) N-amyl acetate	12.27	43	87228	48.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	71822	50.468	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50139m	50.096	ug/l	
77) Bromobenzene	12.75	156	92967	53.096	ug/l	98
78) n-propylbenzene	12.80	91	440431	48.303	ug/l	99
79) 2-Chlorotoluene	12.90	91	262123	49.571	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	330494	49.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	22125	46.136	ug/l	98
82) 4-Chlorotoluene	12.99	91	273517	49.834	ug/l	99
83) tert-Butylbenzene	13.21	119	282534	48.810	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	332486	50.377	ug/l	100
85) sec-Butylbenzene	13.38	105	394130	48.655	ug/l	99
86) p-Isopropyltoluene	13.50	119	359017	48.965	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	174755	50.872	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	179305	52.024	ug/l	99
89) n-Butylbenzene	13.83	91	333532	47.824	ug/l	99
90) Hexachloroethane	14.10	117	70663	49.791	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	163825	52.340	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12961	48.980	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052219\
Data File : VW010522.D
Acq On : 22 May 2019 21:01
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/23/2019 11:41:56 AM

Quant Time: May 23 07:56:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	108485	50.941	ug/l	99
94) Hexachlorobutadiene	15.24	225	56082	49.294	ug/l	99
95) Naphthalene	15.37	128	230218	51.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	95220	51.963	ug/l	99

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

