

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016871.D
 Acq On : 09 Oct 2020 20:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:58 PM

Quant Time: Oct 12 15:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 12 14:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	377345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	537181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	160208	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	7.89	113	173361	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.33	98	657501	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	226415	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91153	44.287	ug/l	97
3) Chloromethane	2.22	50	104815	46.447	ug/l	98
4) Vinyl Chloride	2.37	62	153064	46.904	ug/l	100
5) Bromomethane	2.78	94	118572	47.310	ug/l	100
6) Chloroethane	2.93	64	101257	48.757	ug/l	98
7) Trichlorofluoromethane	3.27	101	118929	50.057	ug/l	93
8) Diethyl Ether	3.68	74	72368	48.767	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149262	46.657	ug/l	99
10) Methyl Iodide	4.28	142	251533	49.181	ug/l	100
11) Tert butyl alcohol	5.17	59	39826	265.505	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	152321	48.237	ug/l	96
13) Acrolein	3.90	56	55002	271.226	ug/l	99
14) Allyl chloride	4.68	41	186019	49.212	ug/l	99
15) Acrylonitrile	5.37	53	129371	261.905	ug/l	99
16) Acetone	4.12	43	119822	241.036	ug/l	98
17) Carbon Disulfide	4.39	76	406570	48.393	ug/l	100
18) Methyl Acetate	4.67	43	62174	54.530	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	180121	52.924	ug/l	100
20) Methylene Chloride	4.92	84	165624	42.045	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	171081	48.260	ug/l	98
22) Diisopropyl ether	6.31	45	339804	49.463	ug/l	97
23) Vinyl Acetate	6.26	43	1108471	251.810	ug/l	97
24) 1,1-Dichloroethane	6.22	63	265056	48.657	ug/l	98
25) 2-Butanone	7.17	43	173053	261.122	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159068	47.727	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	185763	48.926	ug/l	99
28) Bromochloromethane	7.52	49	117279	53.792	ug/l	100
29) Tetrahydrofuran	7.53	42	99777	268.787	ug/l	99
30) Chloroform	7.68	83	287577	48.560	ug/l	98
31) Cyclohexane	7.96	56	210582	45.321	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	247076	49.463	ug/l	99
36) 1,1-Dichloropropene	8.09	75	227733	49.044	ug/l	100
37) Ethyl Acetate	7.26	43	78921	52.016	ug/l	98
38) Carbon Tetrachloride	8.07	117	240781	49.867	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016871.D
 Acq On : 09 Oct 2020 20:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 4:20:58 PM

Quant Time: Oct 12 15:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 12 14:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259160	48.937	ug/l	94
40) Benzene	8.33	78	632475	48.880	ug/l	98
41) Methacrylonitrile	7.48	41	46717	51.961	ug/l	95
42) 1,2-Dichloroethane	8.40	62	174409	49.277	ug/l	100
43) Isopropyl Acetate	8.43	43	151838	52.240	ug/l	100
44) Trichloroethene	9.10	130	195392	48.788	ug/l	97
45) 1,2-Dichloropropane	9.37	63	142471	48.283	ug/l	99
46) Dibromomethane	9.46	93	84705	50.188	ug/l	98
47) Bromodichloromethane	9.65	83	207512	49.449	ug/l	99
48) Methyl methacrylate	9.44	41	71449	53.344	ug/l	99
49) 1,4-Dioxane	9.45	88	21087	1086.210	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	380192	258.560	ug/l	99
52) Toluene	10.39	92	423069	49.462	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	193762	50.718	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	237739	50.948	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	119910	49.914	ug/l	99
56) Ethyl methacrylate	10.65	69	138252	52.901	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197282	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	387310	267.441	ug/l	100
59) 2-Hexanone	10.97	43	258157	265.351	ug/l	99
60) Dibromochloromethane	11.13	129	149209	50.638	ug/l	100
61) 1,2-Dibromoethane	11.24	107	119756	50.337	ug/l	100
64) Tetrachloroethene	10.87	164	170802	50.221	ug/l	96
65) Chlorobenzene	11.66	112	463253	49.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	166064	50.152	ug/l	99
67) Ethyl Benzene	11.73	91	828872	50.802	ug/l	100
68) m/p-Xylenes	11.84	106	640323	100.908	ug/l	98
69) o-Xylene	12.17	106	296215	50.868	ug/l	100
70) Styrene	12.18	104	493502	50.920	ug/l	99
71) Bromoform	12.35	173	87200	52.456	ug/l	98
73) Isopropylbenzene	12.47	105	837268	52.023	ug/l	100
74) N-amyl acetate	12.27	43	136437	52.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130039	51.497	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	92469m	51.180	ug/l	
77) Bromobenzene	12.75	156	204081	51.298	ug/l	98
78) n-propylbenzene	12.80	91	953625	51.379	ug/l	99
79) 2-Chlorotoluene	12.90	91	526887	49.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	697635	51.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36657	54.535	ug/l	99
82) 4-Chlorotoluene	12.99	91	552629	50.560	ug/l	100
83) tert-Butylbenzene	13.21	119	606745	51.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	685028	50.971	ug/l	100
85) sec-Butylbenzene	13.38	105	828324	50.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	780862	51.429	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	389159	50.584	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	380247	50.156	ug/l	99
89) n-Butylbenzene	13.82	91	684843	50.068	ug/l	98
90) Hexachloroethane	14.10	117	121947	52.051	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	330122	49.733	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20819	53.837	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
Data File : VW016871.D
Acq On : 09 Oct 2020 20:05
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/12/2020 4:20:58 PM

Quant Time: Oct 12 15:05:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 12 14:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	245339	53.567	ug/l	95
94) Hexachlorobutadiene	15.24	225	151511	51.031	ug/l	97
95) Naphthalene	15.37	128	416370	55.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	206905	51.929	ug/l	98

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

