

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015321.D
 Acq On : 23 Apr 2020 10:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:32:41 PM

Quant Time: Apr 24 06:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	96859	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	98798	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	10.32	98	403804	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	153422	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91929	47.731	ug/l	96
3) Chloromethane	2.21	50	96699	46.105	ug/l	99
4) Vinyl Chloride	2.36	62	118445	47.824	ug/l	99
5) Bromomethane	2.77	94	89713	50.945	ug/l	98
6) Chloroethane	2.92	64	70595	45.952	ug/l	97
7) Trichlorofluoromethane	3.26	101	170040	48.519	ug/l	98
8) Diethyl Ether	3.69	74	45494	46.247	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	103623	47.946	ug/l	92
10) Methyl Iodide	4.28	142	118681	52.282	ug/l	99
11) Tert butyl alcohol	5.17	59	32867	202.163	ug/l	99
12) 1,1-Dichloroethene	4.04	96	100752	48.433	ug/l	92
13) Acrolein	3.90	56	22869	268.756	ug/l	100
14) Allyl chloride	4.67	41	129820	47.042	ug/l	87
15) Acrylonitrile	5.37	53	82958	221.601	ug/l	99
16) Acetone	4.12	43	88344	253.609	ug/l	94
17) Carbon Disulfide	4.39	76	288122	46.607	ug/l	100
18) Methyl Acetate	4.68	43	39141	42.449	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	225320	47.184	ug/l	96
20) Methylene Chloride	4.92	84	103826	45.478	ug/l	92
21) trans-1,2-Dichloroethene	5.43	96	113998	48.319	ug/l	93
22) Diisopropyl ether	6.31	45	250352	47.288	ug/l	94
23) Vinyl Acetate	6.26	43	713782	229.752	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	177307	48.324	ug/l	98
25) 2-Butanone	7.17	43	109804	237.587	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	186805	48.394	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	124787	48.993	ug/l	100
28) Bromochloromethane	7.51	49	64224	48.143	ug/l #	70
29) Tetrahydrofuran	7.53	42	63126	219.237	ug/l	88
30) Chloroform	7.68	83	195884	49.465	ug/l	97
31) Cyclohexane	7.95	56	162588	44.083	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	188669	49.365	ug/l	99
36) 1,1-Dichloropropene	8.08	75	153298	49.844	ug/l	98
37) Ethyl Acetate	7.26	43	44947	45.031	ug/l #	96
38) Carbon Tetrachloride	8.07	117	172455	51.311	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015321.D
 Acq On : 23 Apr 2020 10:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:32:41 PM

Quant Time: Apr 24 06:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	197842	48.331	ug/l	95
40) Benzene	8.32	78	411296	50.063	ug/l	97
41) Methacrylonitrile	7.48	41	26678	44.545	ug/l	90
42) 1,2-Dichloroethane	8.40	62	119186	49.280	ug/l	99
43) Isopropyl Acetate	8.42	43	94626	45.201	ug/l	93
44) Trichloroethene	9.09	130	129300	51.453	ug/l	97
45) 1,2-Dichloropropane	9.37	63	94988	49.718	ug/l	97
46) Dibromomethane	9.46	93	54729	49.521	ug/l #	88
47) Bromodichloromethane	9.64	83	148027	50.104	ug/l	100
48) Methyl methacrylate	9.43	41	43803	44.262	ug/l #	84
49) 1,4-Dioxane	9.45	88	13668	927.697	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	222221	226.128	ug/l	96
52) Toluene	10.38	92	290637	50.548	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	143315	49.196	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	167877	49.579	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	76261	49.279	ug/l	96
56) Ethyl methacrylate	10.65	69	93926	47.113	ug/l	93
57) 1,3-Dichloropropane	10.93	76	125327	48.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	218238	236.118	ug/l #	88
59) 2-Hexanone	10.97	43	168524	240.233	ug/l	96
60) Dibromochloromethane	11.13	129	104149	50.971	ug/l	99
61) 1,2-Dibromoethane	11.23	107	74881	49.589	ug/l	99
64) Tetrachloroethene	10.86	164	121763	52.269	ug/l	95
65) Chlorobenzene	11.66	112	326718	51.010	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	117092	50.865	ug/l	97
67) Ethyl Benzene	11.73	91	598143	50.077	ug/l	98
68) m/p-Xylenes	11.83	106	471831	100.777	ug/l	99
69) o-Xylene	12.16	106	222071	50.816	ug/l	98
70) Styrene	12.18	104	378424	50.801	ug/l	99
71) Bromoform	12.35	173	62255	47.996	ug/l #	98
73) Isopropylbenzene	12.46	105	616173	50.252	ug/l	100
74) N-amyl acetate	12.27	43	93952	44.043	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	79058	45.412	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	61145m	44.693	ug/l	
77) Bromobenzene	12.74	156	141036	50.064	ug/l	83
78) n-propylbenzene	12.80	91	710474	49.765	ug/l	96
79) 2-Chlorotoluene	12.89	91	403953	50.208	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	532568	50.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27989	44.722	ug/l	94
82) 4-Chlorotoluene	12.99	91	427419	50.035	ug/l	97
83) tert-Butylbenzene	13.21	119	469255	50.831	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	512878	49.230	ug/l	98
85) sec-Butylbenzene	13.38	105	644800	50.575	ug/l	98
86) p-Isopropyltoluene	13.50	119	598661	50.533	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	286104	51.115	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	277935	50.655	ug/l	97
89) n-Butylbenzene	13.82	91	539604	49.833	ug/l	98
90) Hexachloroethane	14.09	117	105727	48.664	ug/l	72
91) 1,2-Dichlorobenzene	13.87	146	245279	50.428	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14306	45.409	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
Data File : VW015321.D
Acq On : 23 Apr 2020 10:06
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/24/2020 1:32:41 PM

Quant Time: Apr 24 06:58:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	163741	48.432	ug/l	98
94) Hexachlorobutadiene	15.24	225	111300	49.379	ug/l	97
95) Naphthalene	15.36	128	253543	46.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	135588	49.292	ug/l	98

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

