

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014551.D
 Acq On : 08 Jan 2020 09:54
 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

apatel
 1/9/2020 9:28:55 AM

Quant Time: Jan 08 12:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	738560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	939179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	449807	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	311975	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.88	113	322889	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.32	98	1328577	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.62	95	439534	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	169690	40.692	ug/l	99
3) Chloromethane	2.21	50	234470	45.936	ug/l	97
4) Vinyl Chloride	2.36	62	372520	49.620	ug/l	100
5) Bromomethane	2.77	94	236588	51.014	ug/l	100
6) Chloroethane	2.92	64	222958	52.098	ug/l	97
7) Trichlorofluoromethane	3.25	101	193767	51.585	ug/l	100
8) Diethyl Ether	3.68	74	183501	49.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	346749	49.406	ug/l	99
10) Methyl Iodide	4.27	142	534185	50.445	ug/l	99
11) Tert butyl alcohol	5.17	59	102985	202.487	ug/l	99
12) 1,1-Dichloroethene	4.04	96	367496	50.001	ug/l	98
13) Acrolein	3.88	56	142238	252.374	ug/l	100
14) Allyl chloride	4.67	41	591678	52.680	ug/l	99
15) Acrylonitrile	5.36	53	402659	235.703	ug/l	99
16) Acetone	4.12	43	461323	253.010	ug/l	98
17) Carbon Disulfide	4.38	76	1090755	49.239	ug/l	97
18) Methyl Acetate	4.67	43	202100	45.894	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	470704	51.593	ug/l	98
20) Methylene Chloride	4.92	84	381898	51.961	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	399385	51.176	ug/l	96
22) Diisopropyl ether	6.31	45	1077592	51.259	ug/l	100
23) Vinyl Acetate	6.24	43	3186056	250.975	ug/l	99
24) 1,1-Dichloroethane	6.21	63	682027	51.432	ug/l	99
25) 2-Butanone	7.16	43	554192	236.841	ug/l	99
26) 2,2-Dichloropropane	7.16	77	370876	50.516	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	421685	51.423	ug/l	99
28) Bromochloromethane	7.51	49	267194	51.394	ug/l	99
29) Tetrahydrofuran	7.52	42	320306	220.960	ug/l	99
30) Chloroform	7.67	83	628141	50.654	ug/l	99
31) Cyclohexane	7.95	56	651888	47.303	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	502854	50.420	ug/l	99
36) 1,1-Dichloropropene	8.08	75	541302	51.104	ug/l	99
37) Ethyl Acetate	7.25	43	222513	46.319	ug/l	99
38) Carbon Tetrachloride	8.07	117	459610	50.016	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
 Data File : VW014551.D
 Acq On : 08 Jan 2020 09:54
 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

apatel
 1/9/2020 9:28:55 AM

Quant Time: Jan 08 12:58:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	676016	49.733	ug/l	98
40) Benzene	8.32	78	1536350	51.265	ug/l	100
41) Methacrylonitrile	7.48	41	142500	53.215	ug/l	90
42) 1,2-Dichloroethane	8.40	62	383354	49.292	ug/l	100
43) Isopropyl Acetate	8.42	43	409029	46.889	ug/l	98
44) Trichloroethene	9.09	130	411648	50.762	ug/l	97
45) 1,2-Dichloropropane	9.37	63	378331	51.445	ug/l	97
46) Dibromomethane	9.46	93	178934	49.287	ug/l	100
47) Bromodichloromethane	9.64	83	458841	51.192	ug/l	99
48) Methyl methacrylate	9.43	41	204081	47.917	ug/l	99
49) 1,4-Dioxane	9.45	88	55798	821.740	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	1054926	232.875	ug/l	100
52) Toluene	10.38	92	955355	50.672	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	469713	50.614	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	582261	51.336	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	260543	49.139	ug/l	99
56) Ethyl methacrylate	10.64	69	341438	49.550	ug/l	100
57) 1,3-Dichloropropane	10.93	76	458681	49.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	568965	271.491	ug/l	100
59) 2-Hexanone	10.96	43	759986	243.462	ug/l	100
60) Dibromochloromethane	11.13	129	299244	50.020	ug/l	99
61) 1,2-Dibromoethane	11.23	107	244632	48.606	ug/l	100
64) Tetrachloroethene	10.86	164	342436	50.363	ug/l	97
65) Chlorobenzene	11.65	112	979018	50.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	334398	51.618	ug/l	99
67) Ethyl Benzene	11.73	91	1802926	51.995	ug/l	98
68) m/p-Xylenes	11.83	106	1376639	103.733	ug/l	100
69) o-Xylene	12.16	106	632570	51.602	ug/l	99
70) Styrene	12.18	104	1081034	52.137	ug/l	100
71) Bromoform	12.35	173	172477	48.810	ug/l #	99
73) Isopropylbenzene	12.46	105	1743781	52.834	ug/l	100
74) N-amyl acetate	12.27	43	354172	47.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	285193	47.874	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	217401m	51.119	ug/l	
77) Bromobenzene	12.74	156	400168	52.203	ug/l	98
78) n-propylbenzene	12.80	91	2061353	53.114	ug/l	99
79) 2-Chlorotoluene	12.89	91	1151414	52.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1463121	52.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	96632	50.625	ug/l	99
82) 4-Chlorotoluene	12.99	91	1195035	52.081	ug/l	100
83) tert-Butylbenzene	13.21	119	1275773	52.582	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1446557	52.455	ug/l	100
85) sec-Butylbenzene	13.38	105	1763408	52.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	1616570	52.810	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	766847	51.445	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	753139	51.178	ug/l	100
89) n-Butylbenzene	13.82	91	1517468	53.382	ug/l	100
90) Hexachloroethane	14.09	117	280126	52.384	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	670095	51.146	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	42478	45.028	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010820\
Data File : VW014551.D
Acq On : 08 Jan 2020 09:54
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

apatel
1/9/2020 9:28:55 AM

Quant Time: Jan 08 12:58:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	464009	52.446	ug/l	98
94) Hexachlorobutadiene	15.24	225	302100	50.953	ug/l	97
95) Naphthalene	15.36	128	781665	51.804	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	398509	51.675	ug/l	98

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

