

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012032.D
 Acq On : 20 Aug 2019 15:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:28:55 AM

Quant Time: Aug 20 18:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169182	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	146593	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	7.88	113	122228	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	10.32	98	487907	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.62	95	173300	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	68319	48.199	ug/l	96
3) Chloromethane	2.21	50	113816	46.307	ug/l	99
4) Vinyl Chloride	2.36	62	149196	50.420	ug/l	100
5) Bromomethane	2.77	94	77664	47.417	ug/l	98
6) Chloroethane	2.92	64	88346	52.267	ug/l	100
7) Trichlorofluoromethane	3.26	101	75033	56.737	ug/l	100
8) Diethyl Ether	3.68	74	79378	52.939	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	136913	54.576	ug/l	98
10) Methyl Iodide	4.28	142	188623	53.205	ug/l	99
11) Tert butyl alcohol	5.17	59	55711	259.135	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139205	52.554	ug/l	98
13) Acrolein	3.89	56	51749	246.951	ug/l	100
14) Allyl chloride	4.67	41	296242	52.584	ug/l	99
15) Acrylonitrile	5.37	53	203148	271.408	ug/l	99
16) Acetone	4.12	43	210337	226.414	ug/l	99
17) Carbon Disulfide	4.38	76	394583	47.596	ug/l	98
18) Methyl Acetate	4.67	43	113048	54.168	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	235805	56.100	ug/l	97
20) Methylene Chloride	4.92	84	156767	48.930	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	147260	51.567	ug/l	97
22) Diisopropyl ether	6.31	45	566768	53.360	ug/l	99
23) Vinyl Acetate	6.25	43	1796536	269.179	ug/l	100
24) 1,1-Dichloroethane	6.21	63	295773	51.994	ug/l	99
25) 2-Butanone	7.17	43	300698	247.363	ug/l	98
26) 2,2-Dichloropropane	7.16	77	168529	48.173	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	163722	52.092	ug/l	99
28) Bromochloromethane	7.51	49	134719	53.355	ug/l	99
29) Tetrahydrofuran	7.53	42	188740	271.625	ug/l	99
30) Chloroform	7.68	83	268995	51.256	ug/l	99
31) Cyclohexane	7.96	56	272110	49.832	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	214496	53.667	ug/l	99
36) 1,1-Dichloropropene	8.08	75	224244	52.842	ug/l	99
37) Ethyl Acetate	7.25	43	132790	54.389	ug/l	99
38) Carbon Tetrachloride	8.07	117	194652	53.581	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012032.D
 Acq On : 20 Aug 2019 15:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:28:55 AM

Quant Time: Aug 20 18:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	253411	54.232	ug/l	99
40) Benzene	8.32	78	624544	52.541	ug/l	99
41) Methacrylonitrile	7.48	41	76444	52.379	ug/l	96
42) 1,2-Dichloroethane	8.40	62	193851	52.089	ug/l	98
43) Isopropyl Acetate	8.43	43	248315	55.303	ug/l	99
44) Trichloroethene	9.09	130	151947	53.185	ug/l	98
45) 1,2-Dichloropropane	9.37	63	170537	53.620	ug/l	99
46) Dibromomethane	9.46	93	77908	53.669	ug/l	99
47) Bromodichloromethane	9.65	83	203271	53.383	ug/l	99
48) Methyl methacrylate	9.44	41	121036	56.117	ug/l	96
49) 1,4-Dioxane	9.45	88	25448	1210.733	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	643783	275.650	ug/l	100
52) Toluene	10.39	92	380153	52.958	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	216525	54.435	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	253969	53.699	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	109566	53.196	ug/l	98
56) Ethyl methacrylate	10.65	69	169941	56.385	ug/l	98
57) 1,3-Dichloropropane	10.93	76	208097	53.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	459673	335.910	ug/l	100
59) 2-Hexanone	10.97	43	449917	272.839	ug/l	98
60) Dibromochloromethane	11.13	129	122809	53.716	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104102	53.410	ug/l	100
64) Tetrachloroethene	10.86	164	124361	53.973	ug/l	99
65) Chlorobenzene	11.66	112	382100	53.706	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	135771	54.786	ug/l	99
67) Ethyl Benzene	11.73	91	740254	54.631	ug/l	99
68) m/p-Xylenes	11.84	106	533173	108.198	ug/l	100
69) o-Xylene	12.16	106	249868	54.566	ug/l	100
70) Styrene	12.18	104	434197	54.841	ug/l	99
71) Bromoform	12.35	173	70639	55.906	ug/l #	99
73) Isopropylbenzene	12.46	105	693808	54.971	ug/l	100
74) N-amyl acetate	12.27	43	225200	56.992	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	131371	55.336	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93428m	52.190	ug/l	
77) Bromobenzene	12.75	156	152815	54.778	ug/l	99
78) n-propylbenzene	12.80	91	845508	55.045	ug/l	100
79) 2-Chlorotoluene	12.89	91	478567	54.081	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	581978	55.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44582	57.396	ug/l	99
82) 4-Chlorotoluene	12.99	91	501331	53.996	ug/l	100
83) tert-Butylbenzene	13.21	119	498779	56.376	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	578417	54.272	ug/l	100
85) sec-Butylbenzene	13.38	105	706028	55.927	ug/l	100
86) p-Isopropyltoluene	13.50	119	628605	54.881	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	291930	53.369	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	290851	53.452	ug/l	100
89) n-Butylbenzene	13.82	91	629637	55.084	ug/l	99
90) Hexachloroethane	14.09	117	109954	54.288	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	262122	54.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22358	55.227	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
Data File : VW012032.D
Acq On : 20 Aug 2019 15:27
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/21/2019 8:28:55 AM

Quant Time: Aug 20 18:05:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	188410	55.258	ug/l	99
94) Hexachlorobutadiene	15.24	225	117325	55.177	ug/l	98
95) Naphthalene	15.36	128	358940	53.587	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	166217	55.614	ug/l	98

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

