

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008872.D
 Acq On : 28 Feb 2019 00:19
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 11:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384588	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	212597	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	137235	56.63	ug/l	0.00
Spiked Amount			Recovery	=	113.26%	
35) Dibromofluoromethane	7.88	113	126685	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
50) Toluene-d8	10.32	98	477288	53.54	ug/l	0.00
Spiked Amount			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.62	95	187681	53.77	ug/l	0.00
Spiked Amount			Recovery	=	107.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	103337	39.932	ug/l	100
3) Chloromethane	2.21	50	138980	44.120	ug/l	100
4) Vinyl Chloride	2.35	62	136610	40.960	ug/l	98
5) Bromomethane	2.75	94	114398	46.179	ug/l	95
6) Chloroethane	2.91	64	104528	44.136	ug/l	97
7) Trichlorofluoromethane	3.25	101	170414	40.400	ug/l	92
8) Diethyl Ether	3.69	74	60923	45.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104557	40.818	ug/l	99
10) Methyl Iodide	4.27	142	127859	39.916	ug/l	98
11) Tert butyl alcohol	5.17	59	50269	233.007	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	95057	42.019	ug/l	94
13) Acrolein	3.90	56	63523	276.844	ug/l	99
14) Allyl chloride	4.67	41	174668	44.736	ug/l	98
15) Acrylonitrile	5.37	53	146434	255.498	ug/l	99
16) Acetone	4.12	43	134168	238.859	ug/l	100
17) Carbon Disulfide	4.38	76	308774	41.138	ug/l	99
18) Methyl Acetate	4.67	43	69388	52.081	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	302123	49.341	ug/l	98
20) Methylene Chloride	4.92	84	155871	57.052	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	113101	43.221	ug/l	98
22) Diisopropyl ether	6.31	45	377805	48.507	ug/l	96
23) Vinyl Acetate	6.26	43	1160669	241.191	ug/l	98
24) 1,1-Dichloroethane	6.22	63	211592	46.882	ug/l	99
25) 2-Butanone	7.17	43	190363	242.408	ug/l	98
26) 2,2-Dichloropropane	7.16	77	156964	38.307	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	130754	46.711	ug/l	97
28) Bromochloromethane	7.51	49	96276	50.975	ug/l	99
29) Tetrahydrofuran	7.52	42	128386	256.542	ug/l	99
30) Chloroform	7.67	83	218469	47.184	ug/l	94
31) Cyclohexane	7.95	56	178698	39.115	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	186686	44.337	ug/l	99
36) 1,1-Dichloropropene	8.08	75	160834	42.961	ug/l	99
37) Ethyl Acetate	7.25	43	84991	48.820	ug/l	99
38) Carbon Tetrachloride	8.07	117	163228	41.343	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008872.D
 Acq On : 28 Feb 2019 00:19
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 11:25:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	187794	40.216	ug/l	99
40) Benzene	8.32	78	467347	45.722	ug/l	99
41) Methacrylonitrile	7.48	41	48495	47.390	ug/l	94
42) 1,2-Dichloroethane	8.40	62	153170	47.305	ug/l	99
43) Isopropyl Acetate	8.43	43	167197	48.121	ug/l	99
44) Trichloroethene	9.09	130	126778	44.028	ug/l	98
45) 1,2-Dichloropropane	9.37	63	119006	47.115	ug/l	96
46) Dibromomethane	9.46	93	67004	47.690	ug/l	98
47) Bromodichloromethane	9.64	83	163309	47.774	ug/l	99
48) Methyl methacrylate	9.43	41	77715	46.701	ug/l	95
49) 1,4-Dioxane	9.44	88	24605	1093.572	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	439925	249.389	ug/l	100
52) Toluene	10.39	92	319614	46.073	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	161229	46.274	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	187341	47.144	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93058	48.839	ug/l	96
56) Ethyl methacrylate	10.65	69	122550	49.505	ug/l	97
57) 1,3-Dichloropropane	10.93	76	162628	48.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	322896	259.345	ug/l	99
59) 2-Hexanone	10.97	43	311241	247.863	ug/l	100
60) Dibromochloromethane	11.13	129	114307	49.184	ug/l	100
61) 1,2-Dibromoethane	11.24	107	90420	47.942	ug/l	99
64) Tetrachloroethene	10.86	164	134059	48.669	ug/l	99
65) Chlorobenzene	11.66	112	362724	44.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	123516	45.146	ug/l	98
67) Ethyl Benzene	11.73	91	635736	43.951	ug/l	100
68) m/p-Xylenes	11.84	106	510279	88.293	ug/l	99
69) o-Xylene	12.16	106	247330	45.594	ug/l	99
70) Styrene	12.18	104	406737	46.605	ug/l	99
71) Bromoform	12.35	173	66228	45.034	ug/l	99
73) Isopropylbenzene	12.46	105	645563	44.294	ug/l	99
74) N-amyl acetate	12.27	43	174577	47.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	110306	46.320	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	150367	85.666	ug/l #	100
77) Bromobenzene	12.75	156	158835	46.118	ug/l	99
78) n-propylbenzene	12.80	91	790709	44.352	ug/l	100
79) 2-Chlorotoluene	12.90	91	455933	45.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	570624	45.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	29732	41.179	ug/l	96
82) 4-Chlorotoluene	12.99	91	477363	44.754	ug/l	99
83) tert-Butylbenzene	13.21	119	495870	45.279	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	597042	45.538	ug/l	100
85) sec-Butylbenzene	13.38	105	697820	44.315	ug/l	99
86) p-Isopropyltoluene	13.50	119	630281	43.661	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	321180	44.948	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	319980	45.435	ug/l	99
89) n-Butylbenzene	13.83	91	587827	43.465	ug/l	99
90) Hexachloroethane	14.10	117	106090	44.892	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	295129	46.353	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20429	47.423	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
Data File : VW008872.D
Acq On : 28 Feb 2019 00:19
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Feb 28 11:25:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	215355	46.944	ug/l	99
94) Hexachlorobutadiene	15.24	225	122618	45.377	ug/l	99
95) Naphthalene	15.37	128	390926	50.050	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	192993	48.656	ug/l	99

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

