

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
 Data File : VW010789.D
 Acq On : 13 Jun 2019 11:03
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 08:03:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	180276	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	143582	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	
35) Dibromofluoromethane	7.88	113	115726	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	10.32	98	483002	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	12.62	95	176347	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	108396	44.684	ug/l	99
3) Chloromethane	2.22	50	164974	46.223	ug/l	100
4) Vinyl Chloride	2.35	62	152345	46.200	ug/l	98
5) Bromomethane	2.75	94	81821	45.185	ug/l	100
6) Chloroethane	2.91	64	93708	47.343	ug/l	99
7) Trichlorofluoromethane	3.25	101	206852	48.324	ug/l	100
8) Diethyl Ether	3.68	74	67397	44.059	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127140	48.311	ug/l	98
10) Methyl Iodide	4.27	142	113888	42.777	ug/l	98
11) Tert butyl alcohol	5.17	59	62490	247.907	ug/l	97
12) 1,1-Dichloroethene	4.04	96	120545	47.484	ug/l	96
13) Acrolein	3.90	56	19952	193.701	ug/l	98
14) Allyl chloride	4.67	41	279510	49.934	ug/l	98
15) Acrylonitrile	5.37	53	163323	219.770	ug/l	99
16) Acetone	4.12	43	229005	276.222	ug/l	98
17) Carbon Disulfide	4.38	76	376086	46.668	ug/l	99
18) Methyl Acetate	4.67	43	78081	43.752	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	326428	44.583	ug/l	97
20) Methylene Chloride	4.92	84	133336	45.845	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	136545	47.380	ug/l	94
22) Diisopropyl ether	6.31	45	547011	48.812	ug/l	98
23) Vinyl Acetate	6.26	43	1567264	231.740	ug/l	99
24) 1,1-Dichloroethane	6.22	63	277695	49.447	ug/l	98
25) 2-Butanone	7.17	43	282278	245.543	ug/l	98
26) 2,2-Dichloropropane	7.17	77	240163	52.553	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	151745	47.846	ug/l	97
28) Bromochloromethane	7.51	49	117121	46.731	ug/l	95
29) Tetrahydrofuran	7.53	42	152879	211.423	ug/l	98
30) Chloroform	7.68	83	249952	48.659	ug/l	100
31) Cyclohexane	7.95	56	289600	46.389	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	223757	49.866	ug/l	99
36) 1,1-Dichloropropene	8.09	75	212992	48.753	ug/l	99
37) Ethyl Acetate	7.25	43	103344	42.688	ug/l	99
38) Carbon Tetrachloride	8.07	117	189750	50.314	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	266180	47.929	ug/l	98
40) Benzene	8.32	78	574244	48.182	ug/l	100
41) Methacrylonitrile	7.48	41	62015	43.096	ug/l	98
42) 1,2-Dichloroethane	8.40	62	179261	47.391	ug/l	99
43) Isopropyl Acetate	8.43	43	204642	43.754	ug/l	100
44) Trichloroethene	9.09	130	140520	47.797	ug/l	99
45) 1,2-Dichloropropane	9.37	63	154632	49.013	ug/l	95
46) Dibromomethane	9.46	93	67039	45.749	ug/l	99
47) Bromodichloromethane	9.65	83	186542	49.109	ug/l	98
48) Methyl methacrylate	9.44	41	107287	47.577	ug/l	95
49) 1,4-Dioxane	9.45	88	22609	986.841	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	521967	218.454	ug/l	99
52) Toluene	10.39	92	353003	48.139	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	192409	47.823	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	230442	48.675	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	95143	45.070	ug/l	99
56) Ethyl methacrylate	10.65	69	145971	44.938	ug/l	98
57) 1,3-Dichloropropane	10.93	76	183050	46.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	355599	209.005	ug/l	99
59) 2-Hexanone	10.97	43	407805	236.155	ug/l	98
60) Dibromochloromethane	11.13	129	110875	47.380	ug/l	99
61) 1,2-Dibromoethane	11.24	107	87944	43.969	ug/l	99
64) Tetrachloroethene	10.86	164	115276	46.274	ug/l	95
65) Chlorobenzene	11.66	112	356300	48.291	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125303	49.060	ug/l	100
67) Ethyl Benzene	11.73	91	703536	49.615	ug/l	99
68) m/p-Xylenes	11.84	106	501790	98.855	ug/l	99
69) o-Xylene	12.16	106	236071	49.037	ug/l	96
70) Styrene	12.18	104	408807	48.883	ug/l	99
71) Bromoform	12.35	173	59492	45.038	ug/l	99
73) Isopropylbenzene	12.46	105	669433	49.415	ug/l	99
74) N-amyl acetate	12.27	43	197814	45.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	111604	43.274	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84513m	44.642	ug/l	
77) Bromobenzene	12.75	156	140393	47.477	ug/l	98
78) n-propylbenzene	12.80	91	819958	50.196	ug/l	100
79) 2-Chlorotoluene	12.90	91	457380	49.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	559384	50.447	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37725	45.799	ug/l	99
82) 4-Chlorotoluene	12.99	91	479207	49.758	ug/l	99
83) tert-Butylbenzene	13.21	119	484313	51.465	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	565731	50.701	ug/l	99
85) sec-Butylbenzene	13.39	105	688713	50.266	ug/l	100
86) p-Isopropyltoluene	13.50	119	614471	50.150	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	278707	48.873	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	272106	48.130	ug/l	100
89) n-Butylbenzene	13.83	91	634820	51.928	ug/l	100
90) Hexachloroethane	14.10	117	113167	51.574	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	244352	47.647	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20047	45.266	ug/l	93

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93) 1,2,4-Trichlorobenzene	15.14	180	177475	49.314	ug/l	99
94) Hexachlorobutadiene	15.24	225	116043	51.377	ug/l	98
95) Naphthalene	15.37	128	293404	44.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	148220	48.428	ug/l	98

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

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