

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011680.D
 Acq On : 03 Aug 2019 22:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 23:28:40 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	224362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	329656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161618	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	146515	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
35) Dibromofluoromethane	7.88	113	116691	56.24	ug/l	0.00
Spiked Amount			Recovery	=	112.48%	
50) Toluene-d8	10.32	98	471890	55.55	ug/l	0.00
Spiked Amount			Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.62	95	170898	56.43	ug/l	0.00
Spiked Amount			Recovery	=	112.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	65364	52.274	ug/l	97
3) Chloromethane	2.21	50	102420	47.237	ug/l	100
4) Vinyl Chloride	2.36	62	125732	48.166	ug/l	99
5) Bromomethane	2.77	94	68622	47.493	ug/l	100
6) Chloroethane	2.92	64	73762	49.468	ug/l	100
7) Trichlorofluoromethane	3.25	101	55872	47.892	ug/l	92
8) Diethyl Ether	3.68	74	70529	53.321	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113542	51.306	ug/l	98
10) Methyl Iodide	4.27	142	161458	51.626	ug/l	99
11) Tert butyl alcohol	5.17	59	48071	253.049	ug/l	99
12) 1,1-Dichloroethene	4.04	96	116531	49.871	ug/l	97
13) Acrolein	3.89	56	55376	299.561	ug/l	99
14) Allyl chloride	4.67	41	253786	51.066	ug/l	99
15) Acrylonitrile	5.37	53	178870	270.896	ug/l	100
16) Acetone	4.12	43	164850m	201.156	ug/l	
17) Carbon Disulfide	4.38	76	366463	50.109	ug/l	99
18) Methyl Acetate	4.67	43	110033	59.767	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	200984	54.203	ug/l	99
20) Methylene Chloride	4.92	84	136393	48.258	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	131874	52.348	ug/l	98
22) Diisopropyl ether	6.31	45	499521	53.311	ug/l	98
23) Vinyl Acetate	6.25	43	1538899	261.379	ug/l	99
24) 1,1-Dichloroethane	6.21	63	267453	53.297	ug/l	98
25) 2-Butanone	7.17	43	257231	239.874	ug/l	98
26) 2,2-Dichloropropane	7.17	77	131096	42.479	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143884	51.896	ug/l	100
28) Bromochloromethane	7.51	49	127969	57.452	ug/l #	99
29) Tetrahydrofuran	7.53	42	169385	276.335	ug/l	99
30) Chloroform	7.68	83	243306	52.554	ug/l	100
31) Cyclohexane	7.95	56	232410	48.247	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	185601	52.641	ug/l	99
36) 1,1-Dichloropropene	8.08	75	196447	51.082	ug/l	100
37) Ethyl Acetate	7.25	43	116771	52.777	ug/l	99
38) Carbon Tetrachloride	8.07	117	169639	51.528	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	213428	50.401	ug/l	99
40) Benzene	8.32	78	557545	51.758	ug/l	99
41) Methacrylonitrile	7.48	41	72069	54.491	ug/l	97
42) 1,2-Dichloroethane	8.40	62	179692	53.280	ug/l	100
43) Isopropyl Acetate	8.42	43	221581	54.455	ug/l	99
44) Trichloroethene	9.09	130	134052	51.777	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151112	52.429	ug/l	100
46) Dibromomethane	9.46	93	69760	53.029	ug/l	99
47) Bromodichloromethane	9.64	83	183347	53.132	ug/l	99
48) Methyl methacrylate	9.43	41	107973	55.240	ug/l	99
49) 1,4-Dioxane	9.46	88	20321	1066.845	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	578476	273.317	ug/l	99
52) Toluene	10.38	92	337485	51.879	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	185852	51.558	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	222023	51.802	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98144	52.581	ug/l	99
56) Ethyl methacrylate	10.65	69	151114	55.327	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189201	53.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	379378	305.920	ug/l	100
59) 2-Hexanone	10.97	43	389887	260.901	ug/l	99
60) Dibromochloromethane	11.13	129	110875	53.515	ug/l	99
61) 1,2-Dibromoethane	11.23	107	94006	53.221	ug/l	100
64) Tetrachloroethene	10.86	164	114520	53.354	ug/l	98
65) Chlorobenzene	11.66	112	339547	51.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	120558	52.222	ug/l	99
67) Ethyl Benzene	11.73	91	655768	51.952	ug/l	100
68) m/p-Xylenes	11.84	106	474354	103.335	ug/l	100
69) o-Xylene	12.16	106	222877	52.248	ug/l	99
70) Styrene	12.18	104	389973	52.874	ug/l	100
71) Bromoform	12.35	173	63106	53.614	ug/l #	98
73) Isopropylbenzene	12.46	105	608921	50.503	ug/l	100
74) N-amyl acetate	12.27	43	199137	52.755	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	120797	53.263	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83558m	48.861	ug/l	
77) Bromobenzene	12.74	156	136596	51.256	ug/l	99
78) n-propylbenzene	12.80	91	747284	50.927	ug/l	99
79) 2-Chlorotoluene	12.89	91	429622	50.822	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	525572	52.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	37550	50.605	ug/l	97
82) 4-Chlorotoluene	12.99	91	452375	51.004	ug/l	100
83) tert-Butylbenzene	13.21	119	435955	51.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	527530	51.814	ug/l	99
85) sec-Butylbenzene	13.38	105	614347	50.942	ug/l	100
86) p-Isopropyltoluene	13.50	119	554318	50.660	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267749	51.239	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	263063	50.608	ug/l	100
89) n-Butylbenzene	13.82	91	549342	50.309	ug/l	100
90) Hexachloroethane	14.09	117	99659	51.508	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	236062	51.077	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20744	53.638	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	169113	51.920	ug/l	99
94) Hexachlorobutadiene	15.24	225	100650	49.551	ug/l	98
95) Naphthalene	15.36	128	325954	51.042	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	150458	52.697	ug/l	100

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

