

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011732.D
 Acq On : 06 Aug 2019 01:07
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 06 08:34:48 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	214912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152812	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	147247	59.67	ug/l	0.00
Spiked Amount			Recovery	=	119.34%	
35) Dibromofluoromethane	7.88	113	117382	58.54	ug/l	0.00
Spiked Amount			Recovery	=	117.08%	
50) Toluene-d8	10.32	98	476067	57.99	ug/l	0.00
Spiked Amount			Recovery	=	115.98%	
62) 4-Bromofluorobenzene	12.62	95	170279	58.18	ug/l	0.00
Spiked Amount			Recovery	=	116.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	58023	48.444	ug/l	94
3) Chloromethane	2.21	50	93121	44.837	ug/l	99
4) Vinyl Chloride	2.36	62	117912	47.157	ug/l	97
5) Bromomethane	2.76	94	57755	41.730	ug/l	93
6) Chloroethane	2.90	64	66418	46.502	ug/l	99
7) Trichlorofluoromethane	3.24	101	56474	50.537	ug/l	99
8) Diethyl Ether	3.68	74	66497	52.483	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106183	50.090	ug/l	98
10) Methyl Iodide	4.26	142	152772	50.997	ug/l	98
11) Tert butyl alcohol	5.19	59	43883	240.258	ug/l	100
12) 1,1-Dichloroethene	4.03	96	110871	49.535	ug/l	99
13) Acrolein	3.89	56	41763	235.854	ug/l	97
14) Allyl chloride	4.66	41	238496	50.099	ug/l	99
15) Acrylonitrile	5.37	53	167925	265.503	ug/l	99
16) Acetone	4.12	43	137476	175.129	ug/l	100
17) Carbon Disulfide	4.38	76	328912	46.952	ug/l	100
18) Methyl Acetate	4.67	43	101136	57.350	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	187605	52.820	ug/l	97
20) Methylene Chloride	4.91	84	127297	47.020	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	124091	51.425	ug/l	98
22) Diisopropyl ether	6.31	45	476245	53.062	ug/l	99
23) Vinyl Acetate	6.25	43	1439898	255.318	ug/l	99
24) 1,1-Dichloroethane	6.21	63	253736	52.786	ug/l	99
25) 2-Butanone	7.17	43	236278	230.023	ug/l	98
26) 2,2-Dichloropropane	7.17	77	123851	41.896	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	137709	51.853	ug/l	100
28) Bromochloromethane	7.51	49	121123	56.770	ug/l	100
29) Tetrahydrofuran	7.52	42	155280	264.463	ug/l	100
30) Chloroform	7.67	83	231431	52.187	ug/l	99
31) Cyclohexane	7.95	56	218241	47.298	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176625	52.298	ug/l	100
36) 1,1-Dichloropropene	8.08	75	186472	50.175	ug/l	100
37) Ethyl Acetate	7.25	43	107914	50.471	ug/l	98
38) Carbon Tetrachloride	8.07	117	160437	50.428	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203367	49.696	ug/l	98
40) Benzene	8.32	78	529853	50.899	ug/l	99
41) Methacrylonitrile	7.48	41	66344	51.907	ug/l	99
42) 1,2-Dichloroethane	8.40	62	168516	51.705	ug/l	99
43) Isopropyl Acetate	8.42	43	205429	52.242	ug/l	99
44) Trichloroethene	9.09	130	126247	50.458	ug/l	99
45) 1,2-Dichloropropane	9.37	63	144861	52.008	ug/l	99
46) Dibromomethane	9.46	93	64783	50.959	ug/l	99
47) Bromodichloromethane	9.65	83	171582	51.453	ug/l	98
48) Methyl methacrylate	9.43	41	101114	53.531	ug/l	100
49) 1,4-Dioxane	9.46	88	18201	988.789	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	539410	263.725	ug/l	100
52) Toluene	10.38	92	322463	51.294	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	176542	50.679	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	208677	50.382	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92710	51.398	ug/l	97
56) Ethyl methacrylate	10.65	69	140172	53.106	ug/l	99
57) 1,3-Dichloropropane	10.93	76	177035	51.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	386961	322.890	ug/l	100
59) 2-Hexanone	10.97	43	362151	250.771	ug/l	100
60) Dibromochloromethane	11.13	129	104905	52.395	ug/l	99
61) 1,2-Dibromoethane	11.24	107	88037	51.575	ug/l	99
64) Tetrachloroethene	10.86	164	108323	52.761	ug/l	97
65) Chlorobenzene	11.66	112	325175	51.294	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115524	52.317	ug/l	100
67) Ethyl Benzene	11.73	91	628182	52.029	ug/l	99
68) m/p-Xylenes	11.84	106	453819	103.356	ug/l	100
69) o-Xylene	12.16	106	210950	51.701	ug/l	98
70) Styrene	12.18	104	371872	52.712	ug/l	100
71) Bromoform	12.35	173	58992	52.397	ug/l #	97
73) Isopropylbenzene	12.46	105	588563	51.628	ug/l	100
74) N-amyl acetate	12.27	43	187111	52.425	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	112733	52.572	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92224m	57.037	ug/l	
77) Bromobenzene	12.75	156	130459	51.774	ug/l	99
78) n-propylbenzene	12.80	91	718604	51.795	ug/l	100
79) 2-Chlorotoluene	12.89	91	413017	51.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	502323	52.565	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	35600	50.742	ug/l	99
82) 4-Chlorotoluene	12.99	91	430615	51.348	ug/l	100
83) tert-Butylbenzene	13.21	119	416337	52.099	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	500367	51.978	ug/l	99
85) sec-Butylbenzene	13.38	105	590555	51.792	ug/l	100
86) p-Isopropyltoluene	13.50	119	534257	51.640	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	252084	51.022	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	245835	50.019	ug/l	99
89) n-Butylbenzene	13.82	91	523243	50.680	ug/l	99
90) Hexachloroethane	14.09	117	95514	52.210	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	224180	51.302	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19113	52.269	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158238	51.380	ug/l	99
94) Hexachlorobutadiene	15.24	225	96061	50.017	ug/l	97
95) Naphthalene	15.36	128	307966	51.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139099	51.526	ug/l	99

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

