

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015428.D
 Acq On : 15 May 2020 12:34
 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: May 18 01:08:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	123399	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	106863	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.32	98	437530	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.62	95	163230	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60843	46.720	ug/l	99
3) Chloromethane	2.21	50	71014	43.557	ug/l	96
4) Vinyl Chloride	2.37	62	117810	47.715	ug/l	97
5) Bromomethane	2.78	94	86056	44.489	ug/l	96
6) Chloroethane	2.92	64	79256	46.581	ug/l	97
7) Trichlorofluoromethane	3.26	101	81788	45.161	ug/l	97
8) Diethyl Ether	3.68	74	51985	45.935	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	103140	49.128	ug/l	100
10) Methyl Iodide	4.27	142	151469	47.680	ug/l	100
11) Tert butyl alcohol	5.20	59	41320	289.387	ug/l	99
12) 1,1-Dichloroethene	4.03	96	102848	47.240	ug/l	94
13) Acrolein	3.89	56	48447	265.701	ug/l	99
14) Allyl chloride	4.66	41	184340	48.324	ug/l	99
15) Acrylonitrile	5.37	53	121014	262.734	ug/l	100
16) Acetone	4.13	43	113347	294.670	ug/l	97
17) Carbon Disulfide	4.38	76	318655	47.734	ug/l	100
18) Methyl Acetate	4.67	43	53696	52.584	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	171263	48.960	ug/l	99
20) Methylene Chloride	4.91	84	111057	44.250	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	119079	48.183	ug/l	98
22) Diisopropyl ether	6.31	45	353072	47.366	ug/l	100
23) Vinyl Acetate	6.25	43	1117355	246.585	ug/l	100
24) 1,1-Dichloroethane	6.21	63	213190	47.706	ug/l	100
25) 2-Butanone	7.17	43	163171	272.151	ug/l	100
26) 2,2-Dichloropropane	7.16	77	144629	48.830	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	130080	48.473	ug/l	98
28) Bromochloromethane	7.51	49	83920	46.704	ug/l	98
29) Tetrahydrofuran	7.53	42	102867	260.702	ug/l	98
30) Chloroform	7.67	83	213437	48.070	ug/l	100
31) Cyclohexane	7.95	56	205734	45.342	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	181280	48.577	ug/l	99
36) 1,1-Dichloropropene	8.08	75	179369	50.736	ug/l	100
37) Ethyl Acetate	7.26	43	73925	53.890	ug/l	99
38) Carbon Tetrachloride	8.07	117	168363	50.941	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	225894	50.478	ug/l	99
40) Benzene	8.32	78	474319	49.193	ug/l	100
41) Methacrylonitrile	7.48	41	47504	54.808	ug/l	95
42) 1,2-Dichloroethane	8.40	62	149748	50.990	ug/l	98
43) Isopropyl Acetate	8.42	43	153076	53.060	ug/l	98
44) Trichloroethene	9.09	130	127177	50.890	ug/l	96
45) 1,2-Dichloropropane	9.37	63	118111	49.587	ug/l	99
46) Dibromomethane	9.46	93	60768	51.295	ug/l	97
47) Bromodichloromethane	9.65	83	162995	50.484	ug/l	94
48) Methyl methacrylate	9.43	41	71442	53.611	ug/l	100
49) 1,4-Dioxane	9.46	88	19261	1291.928	ug/l #	73
51) 4-Methyl-2-Pentanone	10.21	43	369421	273.234	ug/l	100
52) Toluene	10.38	92	313849	50.089	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	170488	51.733	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	195271	50.324	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	84786	50.611	ug/l	96
56) Ethyl methacrylate	10.65	69	119658	51.986	ug/l	98
57) 1,3-Dichloropropane	10.93	76	153979	51.121	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	289242	258.297	ug/l	100
59) 2-Hexanone	10.97	43	258341	282.394	ug/l	99
60) Dibromochloromethane	11.13	129	104679	51.955	ug/l	100
61) 1,2-Dibromoethane	11.24	107	83265	52.493	ug/l	100
64) Tetrachloroethene	10.86	164	103474	52.375	ug/l	97
65) Chlorobenzene	11.66	112	320379	50.273	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115900	51.295	ug/l	98
67) Ethyl Benzene	11.73	91	613574	50.302	ug/l	99
68) m/p-Xylenes	11.84	106	461316	101.722	ug/l	98
69) o-Xylene	12.16	106	216217	50.736	ug/l	98
70) Styrene	12.18	104	368011	50.140	ug/l	99
71) Bromoform	12.35	173	59447	53.949	ug/l #	98
73) Isopropylbenzene	12.46	105	604274	50.601	ug/l	100
74) N-amyl acetate	12.27	43	146848	52.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	100092	53.578	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66736m	50.716	ug/l	
77) Bromobenzene	12.74	156	131094	51.801	ug/l	95
78) n-propylbenzene	12.80	91	725300	50.623	ug/l	99
79) 2-Chlorotoluene	12.89	91	410071	50.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	510686	50.769	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	36163	54.359	ug/l	99
82) 4-Chlorotoluene	12.99	91	435828	50.919	ug/l	100
83) tert-Butylbenzene	13.21	119	440000	51.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	510336	50.714	ug/l	98
85) sec-Butylbenzene	13.38	105	622510	51.475	ug/l	100
86) p-Isopropyltoluene	13.50	119	568135	51.509	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	256342	50.851	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	252408	50.557	ug/l	98
89) n-Butylbenzene	13.82	91	553338	51.246	ug/l	100
90) Hexachloroethane	14.09	117	103625	50.983	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	224457	51.424	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17656	54.136	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	152248	51.898	ug/l	99
94) Hexachlorobutadiene	15.24	225	91929	52.882	ug/l	97
95) Naphthalene	15.36	128	284342	54.111	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	128730	51.071	ug/l	99

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

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