

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051520\
 Data File : VW015430.D
 Acq On : 15 May 2020 13:35
 Operator : SY/VA
 Sample : VW0515SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0515SBS01

Quant Time: May 18 01:13:45 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	228445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	372459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165403	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	130830	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
35) Dibromofluoromethane	7.88	113	111608	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
50) Toluene-d8	10.32	98	463475	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	168596	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26805	20.295	ug/l	98
3) Chloromethane	2.21	50	32278	19.521	ug/l	97
4) Vinyl Chloride	2.36	62	49537	19.783	ug/l	97
5) Bromomethane	2.78	94	35989	18.345	ug/l	92
6) Chloroethane	2.92	64	32247	18.688	ug/l	98
7) Trichlorofluoromethane	3.26	101	32283	17.576	ug/l	98
8) Diethyl Ether	3.68	74	22574	19.668	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43036	20.213	ug/l	98
10) Methyl Iodide	4.26	142	63674	19.763	ug/l	98
11) Tert butyl alcohol	5.19	59	17234	119.012	ug/l	99
12) 1,1-Dichloroethene	4.03	96	43660	19.773	ug/l	95
13) Acrolein	3.89	56	16208	87.648	ug/l	99
14) Allyl chloride	4.66	41	77451	20.020	ug/l	100
15) Acrylonitrile	5.37	53	49503	105.974	ug/l	100
16) Acetone	4.13	43	42365	108.597	ug/l	98
17) Carbon Disulfide	4.37	76	133379	19.701	ug/l	99
18) Methyl Acetate	4.67	43	23065	22.272	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	74289	20.940	ug/l	100
20) Methylene Chloride	4.91	84	51381	20.186	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	49970	19.937	ug/l	97
22) Diisopropyl ether	6.31	45	149124	19.726	ug/l	98
23) Vinyl Acetate	6.26	43	462895	100.726	ug/l	100
24) 1,1-Dichloroethane	6.21	63	91784	20.252	ug/l	99
25) 2-Butanone	7.17	43	65705	108.056	ug/l	97
26) 2,2-Dichloropropane	7.16	77	62353	20.757	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	55300	20.319	ug/l	100
28) Bromochloromethane	7.51	49	36849	20.221	ug/l	99
29) Tetrahydrofuran	7.53	42	42552	106.334	ug/l	99
30) Chloroform	7.67	83	91377	20.292	ug/l	97
31) Cyclohexane	7.95	56	89549	19.460	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	78615	20.772	ug/l	100
36) 1,1-Dichloropropene	8.08	75	76829	20.995	ug/l	99
37) Ethyl Acetate	7.26	43	31408	22.120	ug/l	98
38) Carbon Tetrachloride	8.07	117	70998	20.753	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95252	20.563	ug/l	98
40) Benzene	8.32	78	202179	20.258	ug/l	99
41) Methacrylonitrile	7.48	41	19515	21.752	ug/l	95
42) 1,2-Dichloroethane	8.40	62	64554	21.236	ug/l	100
43) Isopropyl Acetate	8.43	43	63405	21.233	ug/l	99
44) Trichloroethene	9.09	130	53531	20.694	ug/l	98
45) 1,2-Dichloropropane	9.37	63	50099	20.320	ug/l	100
46) Dibromomethane	9.46	93	25467	20.768	ug/l	99
47) Bromodichloromethane	9.65	83	69087	20.673	ug/l	99
48) Methyl methacrylate	9.43	41	29106	21.101	ug/l	98
49) 1,4-Dioxane	9.45	88	6196	401.508	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	150105	107.259	ug/l	99
52) Toluene	10.39	92	131621	20.294	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	70427	20.646	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81670	20.334	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	36491	21.044	ug/l	93
56) Ethyl methacrylate	10.65	69	49318	20.700	ug/l	97
57) 1,3-Dichloropropane	10.93	76	65425	20.985	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	121244	104.603	ug/l	99
59) 2-Hexanone	10.97	43	102931	108.701	ug/l	99
60) Dibromochloromethane	11.13	129	43532	20.874	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34579	21.061	ug/l	99
64) Tetrachloroethene	10.86	164	43916	21.327	ug/l	96
65) Chlorobenzene	11.66	112	135994	20.474	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48188	20.462	ug/l	100
67) Ethyl Benzene	11.73	91	257352	20.242	ug/l	99
68) m/p-Xylenes	11.84	106	191648	40.545	ug/l	100
69) o-Xylene	12.16	106	89919	20.244	ug/l	99
70) Styrene	12.18	104	155809	20.367	ug/l	99
71) Bromoform	12.35	173	24332	21.186	ug/l #	99
73) Isopropylbenzene	12.46	105	254497	20.610	ug/l	99
74) N-amyl acetate	12.27	43	61024	20.906	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	41946	21.714	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27596m	20.281	ug/l	
77) Bromobenzene	12.74	156	53089	20.287	ug/l	99
78) n-propylbenzene	12.80	91	305326	20.609	ug/l	100
79) 2-Chlorotoluene	12.89	91	171733	20.564	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	211660	20.349	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14286	20.767	ug/l	98
82) 4-Chlorotoluene	12.99	91	182702	20.643	ug/l	99
83) tert-Butylbenzene	13.21	119	183751	20.704	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	212025	20.376	ug/l	98
85) sec-Butylbenzene	13.38	105	262153	20.964	ug/l	100
86) p-Isopropyltoluene	13.50	119	233018	20.431	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	105792	20.295	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	105709	20.476	ug/l	97
89) n-Butylbenzene	13.82	91	233401	20.904	ug/l	100
90) Hexachloroethane	14.09	117	43534	20.713	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	94569	20.953	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7105	21.068	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	63868	21.054	ug/l	99
94) Hexachlorobutadiene	15.24	225	37848	21.055	ug/l	98
95) Naphthalene	15.36	128	113906	20.963	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	53823	20.650	ug/l	100

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

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