

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015701.D
 Acq On : 25 Jun 2020 00:12
 Operator : SY/VA
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 4:18:25 PM

Quant Time: Jun 25 03:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	168963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102319	54.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.86%	
35) Dibromofluoromethane	7.88	113	89555	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.32	98	374629	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	153250	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	15741	15.625	ug/l	100
3) Chloromethane	2.21	50	30420	25.714	ug/l	100
4) Vinyl Chloride	2.36	62	44877	23.465	ug/l	100
5) Bromomethane	2.77	94	37785	26.880	ug/l	97
6) Chloroethane	2.92	64	29732	23.623	ug/l	98
7) Trichlorofluoromethane	3.26	101	26678	18.578	ug/l	93
8) Diethyl Ether	3.68	74	18625	22.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38960	23.017	ug/l	99
10) Methyl Iodide	4.27	142	50848	21.245	ug/l	100
11) Tert butyl alcohol	5.20	59	15799	136.467	ug/l	97
12) 1,1-Dichloroethene	4.03	96	35531	21.558	ug/l	100
13) Acrolein	3.89	56	15062	115.334	ug/l	94
14) Allyl chloride	4.67	41	51477	19.251	ug/l	99
15) Acrylonitrile	5.37	53	46478	135.831	ug/l	99
16) Acetone	4.13	43	39174	109.613	ug/l	99
17) Carbon Disulfide	4.38	76	96085	20.255	ug/l	99
18) Methyl Acetate	4.67	43	23462	29.864	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	60024	24.199	ug/l	99
20) Methylene Chloride	4.92	84	46600	24.433	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	37925	20.070	ug/l	99
22) Diisopropyl ether	6.31	45	124837	23.473	ug/l	95
23) Vinyl Acetate	6.26	43	363549	117.221	ug/l	99
24) 1,1-Dichloroethane	6.21	63	71001	21.209	ug/l	99
25) 2-Butanone	7.18	43	60899	126.081	ug/l	100
26) 2,2-Dichloropropane	7.17	77	43327	19.296	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	44150	21.719	ug/l	99
28) Bromochloromethane	7.51	49	30355	23.572	ug/l	100
29) Tetrahydrofuran	7.54	42	39243	138.258	ug/l	100
30) Chloroform	7.68	83	75714	22.053	ug/l	100
31) Cyclohexane	7.95	56	66468	20.525	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	63097	21.560	ug/l	99
36) 1,1-Dichloropropene	8.09	75	57072	19.267	ug/l	99
37) Ethyl Acetate	7.26	43	28340	25.057	ug/l	98
38) Carbon Tetrachloride	8.07	117	57222	19.928	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	70411	19.625	ug/l	99
40) Benzene	8.32	78	163173	20.259	ug/l	99
41) Methacrylonitrile	7.49	41	14039	21.627	ug/l	90
42) 1,2-Dichloroethane	8.40	62	54222	21.760	ug/l	100
43) Isopropyl Acetate	8.43	43	54037	23.941	ug/l	99
44) Trichloroethene	9.09	130	43020	19.816	ug/l	96
45) 1,2-Dichloropropane	9.37	63	41696	21.179	ug/l	99
46) Dibromomethane	9.46	93	23189	22.765	ug/l	99
47) Bromodichloromethane	9.65	83	55135	20.751	ug/l	98
48) Methyl methacrylate	9.44	41	24884	24.115	ug/l	99
49) 1,4-Dioxane	9.46	88	6332	473.855	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	142229	130.668	ug/l	99
52) Toluene	10.39	92	115418	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	55365	21.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	64240	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34654	24.468	ug/l	98
56) Ethyl methacrylate	10.65	69	44290	25.133	ug/l	96
57) 1,3-Dichloropropane	10.93	76	59077	23.529	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104622	125.459	ug/l	99
59) 2-Hexanone	10.97	43	95413	128.757	ug/l	100
60) Dibromochloromethane	11.13	129	37961	23.001	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33086	24.440	ug/l	98
64) Tetrachloroethene	10.87	164	39909	18.895	ug/l	96
65) Chlorobenzene	11.66	112	129133	20.371	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	45574	20.505	ug/l	98
67) Ethyl Benzene	11.73	91	236943	20.085	ug/l	99
68) m/p-Xylenes	11.84	106	183697	41.468	ug/l	99
69) o-Xylene	12.16	106	85126	20.900	ug/l	100
70) Styrene	12.18	104	146440	21.044	ug/l	98
71) Bromoform	12.35	173	21221	20.751	ug/l #	98
73) Isopropylbenzene	12.46	105	241265	19.520	ug/l	100
74) N-amyl acetate	12.27	43	53666	20.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42185	21.334	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30409m	20.576	ug/l	
77) Bromobenzene	12.75	156	54646	19.828	ug/l	97
78) n-propylbenzene	12.80	91	291232	19.575	ug/l	99
79) 2-Chlorotoluene	12.89	91	170253	20.324	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	212171	20.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10610	18.091	ug/l	89
82) 4-Chlorotoluene	12.99	91	177135	19.988	ug/l	99
83) tert-Butylbenzene	13.21	119	173323	19.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	212896	20.384	ug/l	98
85) sec-Butylbenzene	13.38	105	249855	19.757	ug/l	100
86) p-Isopropyltoluene	13.50	119	229830	20.002	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	110726	20.238	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108507	20.025	ug/l	98
89) n-Butylbenzene	13.82	91	212819	19.294	ug/l	99
90) Hexachloroethane	14.09	117	38984	19.065	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	100999	21.351	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6254	19.752	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	55199	17.670	ug/l	99
94) Hexachlorobutadiene	15.24	225	35728	17.953	ug/l	98
95) Naphthalene	15.37	128	92745	17.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	46179	17.170	ug/l	100

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

