

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015741.D
 Acq On : 26 Jun 2020 11:31
 Operator : SY/VA
 Sample : VW0626SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0626SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:34:02 PM

Quant Time: Jun 27 02:04:26 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	195971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	309868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	283244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102331	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	7.89	113	91343	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
50) Toluene-d8	10.32	98	367913	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.62	95	134356	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22677	19.407	ug/l	99
3) Chloromethane	2.21	50	27595	20.111	ug/l	98
4) Vinyl Chloride	2.37	62	45049	20.308	ug/l	100
5) Bromomethane	2.78	94	34698	21.282	ug/l	95
6) Chloroethane	2.93	64	30485	20.883	ug/l	99
7) Trichlorofluoromethane	3.26	101	33684	20.224	ug/l	100
8) Diethyl Ether	3.68	74	19453	20.223	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38859	19.793	ug/l	99
10) Methyl Iodide	4.28	142	54582	19.662	ug/l	99
11) Tert butyl alcohol	5.20	59	12971m	85.410	ug/l	
12) 1,1-Dichloroethene	4.04	96	37672	19.707	ug/l	98
13) Acrolein	3.90	56	13136	86.724	ug/l	99
14) Allyl chloride	4.67	41	58872	18.982	ug/l	99
15) Acrylonitrile	5.38	53	38060	95.901	ug/l	99
16) Acetone	4.13	43	39388	95.023	ug/l	96
17) Carbon Disulfide	4.38	76	98892	17.974	ug/l	99
18) Methyl Acetate	4.68	43	19730	20.249	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	57639	20.035	ug/l	98
20) Methylene Chloride	4.92	84	51199	22.881	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	42819	19.537	ug/l	96
22) Diisopropyl ether	6.32	45	121271	19.660	ug/l	96
23) Vinyl Acetate	6.26	43	343972	95.624	ug/l	99
24) 1,1-Dichloroethane	6.22	63	76080	19.594	ug/l	100
25) 2-Butanone	7.18	43	52734	94.130	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49368	18.957	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	45861	19.451	ug/l	98
28) Bromochloromethane	7.52	49	29987	20.077	ug/l	99
29) Tetrahydrofuran	7.54	42	31274	94.997	ug/l	99
30) Chloroform	7.68	83	77837	19.547	ug/l	100
31) Cyclohexane	7.96	56	70301	18.717	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	65371	19.258	ug/l	99
36) 1,1-Dichloropropene	8.09	75	63403	19.672	ug/l	100
37) Ethyl Acetate	7.26	43	23051	18.732	ug/l	99
38) Carbon Tetrachloride	8.07	117	59609	19.080	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74862	19.177	ug/l	98
40) Benzene	8.32	78	171671	19.590	ug/l	100
41) Methacrylonitrile	7.49	41	12990	18.393	ug/l	98
42) 1,2-Dichloroethane	8.40	62	53624	19.780	ug/l	100
43) Isopropyl Acetate	8.43	43	45980	18.724	ug/l	98
44) Trichloroethene	9.10	130	45804	19.391	ug/l	95
45) 1,2-Dichloropropane	9.37	63	41604	19.423	ug/l	99
46) Dibromomethane	9.46	93	21743	19.619	ug/l	98
47) Bromodichloromethane	9.65	83	54755	18.940	ug/l	99
48) Methyl methacrylate	9.44	41	20654	18.396	ug/l	94
49) 1,4-Dioxane	9.46	88	5369	369.286	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	112614	95.090	ug/l	100
52) Toluene	10.39	92	113559	20.068	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	50946	18.242	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62720	18.799	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30342	19.691	ug/l	98
56) Ethyl methacrylate	10.65	69	36261	18.912	ug/l	96
57) 1,3-Dichloropropane	10.93	76	53654	19.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94289	103.921	ug/l	99
59) 2-Hexanone	10.97	43	78397	97.236	ug/l	99
60) Dibromochloromethane	11.13	129	33308	18.549	ug/l	96
61) 1,2-Dibromoethane	11.24	107	28907	19.626	ug/l	100
64) Tetrachloroethene	10.87	164	39123	19.661	ug/l	97
65) Chlorobenzene	11.66	112	119016	19.929	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	40430	19.308	ug/l	98
67) Ethyl Benzene	11.73	91	220389	19.830	ug/l	99
68) m/p-Xylenes	11.84	106	168005	40.257	ug/l	98
69) o-Xylene	12.17	106	75673	19.721	ug/l	99
70) Styrene	12.18	104	129282	19.720	ug/l	98
71) Bromoform	12.35	173	17581	18.249	ug/l #	100
73) Isopropylbenzene	12.46	105	216899	19.056	ug/l	99
74) N-amyl acetate	12.27	43	44407	18.404	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33910	18.623	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29861m	21.941	ug/l	
77) Bromobenzene	12.75	156	46894	18.477	ug/l	96
78) n-propylbenzene	12.80	91	261151	19.061	ug/l	99
79) 2-Chlorotoluene	12.89	91	150443	19.502	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	184077	19.086	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	8658	16.031	ug/l	87
82) 4-Chlorotoluene	12.99	91	156490	19.175	ug/l	99
83) tert-Butylbenzene	13.21	119	156571	19.214	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	187310	19.475	ug/l	100
85) sec-Butylbenzene	13.38	105	225671	19.377	ug/l	99
86) p-Isopropyltoluene	13.50	119	204869	19.361	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96327	19.119	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	95281	19.095	ug/l	97
89) n-Butylbenzene	13.82	91	198061	19.499	ug/l	98
90) Hexachloroethane	14.10	117	33977	18.044	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	83989	19.280	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5138	17.621	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	53075	18.450	ug/l	98
94) Hexachlorobutadiene	15.24	225	33743	18.412	ug/l	99
95) Naphthalene	15.37	128	86941	18.273	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45509	18.374	ug/l	96

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

