

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015804.D
 Acq On : 08 Jul 2020 12:33
 Operator : SY/VA
 Sample : VW0708SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:28 AM

Quant Time: Jul 09 05:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313588	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161861	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105624	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
35) Dibromofluoromethane	7.88	113	95101	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	10.32	98	360361	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
62) 4-Bromofluorobenzene	12.62	95	136247	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27997	24.418	ug/l	99
3) Chloromethane	2.21	50	31148	20.004	ug/l	98
4) Vinyl Chloride	2.36	62	50991	21.209	ug/l	99
5) Bromomethane	2.78	94	37563	20.419	ug/l	96
6) Chloroethane	2.92	64	33789	20.825	ug/l	100
7) Trichlorofluoromethane	3.26	101	35449	20.516	ug/l	99
8) Diethyl Ether	3.68	74	21090	19.590	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44018	21.763	ug/l	98
10) Methyl Iodide	4.27	142	56879	20.113	ug/l	99
11) Tert butyl alcohol	5.17	59	16187	135.571	ug/l	95
12) 1,1-Dichloroethene	4.03	96	41736	20.987	ug/l	99
13) Acrolein	3.89	56	15085	96.998	ug/l	96
14) Allyl chloride	4.67	41	65290	20.200	ug/l	99
15) Acrylonitrile	5.37	53	42552	101.092	ug/l	98
16) Acetone	4.12	43	48456	115.517	ug/l	99
17) Carbon Disulfide	4.38	76	121546	20.547	ug/l	100
18) Methyl Acetate	4.67	43	18841	19.737	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	60618	20.367	ug/l	97
20) Methylene Chloride	4.91	84	61660	26.471	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46164	20.042	ug/l	94
22) Diisopropyl ether	6.32	45	132968	20.415	ug/l	98
23) Vinyl Acetate	6.26	43	384197	99.170	ug/l	98
24) 1,1-Dichloroethane	6.21	63	84519	20.495	ug/l	98
25) 2-Butanone	7.17	43	60262	105.837	ug/l	99
26) 2,2-Dichloropropane	7.17	77	54846	21.200	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49250	19.913	ug/l	96
28) Bromochloromethane	7.51	49	35100	21.470	ug/l	98
29) Tetrahydrofuran	7.53	42	35290	102.136	ug/l	99
30) Chloroform	7.68	83	85474	20.276	ug/l	96
31) Cyclohexane	7.96	56	79114	20.384	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73449	20.779	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69999	20.838	ug/l	100
37) Ethyl Acetate	7.26	43	25539	19.567	ug/l	99
38) Carbon Tetrachloride	8.07	117	66155	20.353	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82286	20.759	ug/l	98
40) Benzene	8.32	78	190914	20.748	ug/l	100
41) Methacrylonitrile	7.48	41	15056	20.318	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59249	20.689	ug/l	100
43) Isopropyl Acetate	8.43	43	50233	19.717	ug/l	99
44) Trichloroethene	9.09	130	49714	20.426	ug/l	93
45) 1,2-Dichloropropane	9.37	63	46165	20.411	ug/l	100
46) Dibromomethane	9.46	93	23623	20.287	ug/l	98
47) Bromodichloromethane	9.65	83	61339	20.366	ug/l	96
48) Methyl methacrylate	9.44	41	23493	20.120	ug/l	96
49) 1,4-Dioxane	9.45	88	6209	431.298	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	124752	100.345	ug/l	99
52) Toluene	10.39	92	122480	20.684	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56945	19.705	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	69449	20.091	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32569	20.171	ug/l	97
56) Ethyl methacrylate	10.65	69	38768	19.530	ug/l	97
57) 1,3-Dichloropropane	10.93	76	58111	20.331	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91706	94.548	ug/l	99
59) 2-Hexanone	10.97	43	87115	104.998	ug/l	100
60) Dibromochloromethane	11.13	129	37098	19.894	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31384	20.314	ug/l	96
64) Tetrachloroethene	10.87	164	40532	20.424	ug/l	97
65) Chlorobenzene	11.66	112	125563	20.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	43323	19.963	ug/l	96
67) Ethyl Benzene	11.73	91	234913	20.685	ug/l	95
68) m/p-Xylenes	11.84	106	178968	41.951	ug/l	100
69) o-Xylene	12.17	106	80541	20.683	ug/l	100
70) Styrene	12.18	104	138159	20.619	ug/l	99
71) Bromoform	12.35	173	19278	19.462	ug/l #	98
73) Isopropylbenzene	12.46	105	229048	20.087	ug/l	99
74) N-amyl acetate	12.27	43	47192	19.344	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	37289	19.681	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26690m	18.762	ug/l	
77) Bromobenzene	12.75	156	51489	20.137	ug/l	94
78) n-propylbenzene	12.80	91	283961	20.516	ug/l	99
79) 2-Chlorotoluene	12.90	91	159522	20.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	198117	20.385	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	10180	18.739	ug/l	93
82) 4-Chlorotoluene	12.99	91	170065	20.633	ug/l	99
83) tert-Butylbenzene	13.21	119	165890	20.560	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	201339	20.744	ug/l	98
85) sec-Butylbenzene	13.38	105	240379	20.629	ug/l	99
86) p-Isopropyltoluene	13.50	119	218180	20.505	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104906	20.468	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	101916	20.312	ug/l	98
89) n-Butylbenzene	13.82	91	214922	21.107	ug/l	99
90) Hexachloroethane	14.10	117	38345	19.882	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	90756	20.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5858	19.350	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	55948	19.985	ug/l	98
94) Hexachlorobutadiene	15.24	225	35672	20.069	ug/l	97
95) Naphthalene	15.37	128	90212	19.093	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	48001	20.151	ug/l	98

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

