

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042220\
 Data File : VW015301.D
 Acq On : 22 Apr 2020 12:21
 Operator : SY/VA
 Sample : VW0422SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0422SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 1:32:52 PM

Quant Time: Apr 23 09:30:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	325155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162456	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	89418	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	7.88	113	91924	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.32	98	371731	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.62	95	141510	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	36741	20.264	ug/l	95
3) Chloromethane	2.21	50	39206	19.856	ug/l	99
4) Vinyl Chloride	2.36	62	47280	20.278	ug/l	100
5) Bromomethane	2.76	94	39043	23.551	ug/l	91
6) Chloroethane	2.92	64	28695	19.841	ug/l	99
7) Trichlorofluoromethane	3.26	101	68703	20.824	ug/l	98
8) Diethyl Ether	3.68	74	17337	18.721	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42746	21.010	ug/l	91
10) Methyl Iodide	4.27	142	36913	17.273	ug/l	98
11) Tert butyl alcohol	5.17	59	14324	93.590	ug/l	97
12) 1,1-Dichloroethene	4.04	96	40461	20.661	ug/l	95
13) Acrolein	3.90	56	9446	117.918	ug/l	93
14) Allyl chloride	4.67	41	50082	19.277	ug/l	86
15) Acrylonitrile	5.37	53	30687	87.074	ug/l	98
16) Acetone	4.13	43	26476	80.735	ug/l	100
17) Carbon Disulfide	4.38	76	114681	19.706	ug/l	100
18) Methyl Acetate	4.67	43	14585	16.802	ug/l	91
19) Methyl tert-butyl Ether	5.43	73	86459	19.232	ug/l	96
20) Methylene Chloride	4.92	84	41969	19.527	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	45017	20.268	ug/l	98
22) Diisopropyl ether	6.31	45	97545	19.572	ug/l #	90
23) Vinyl Acetate	6.26	43	275702	94.266	ug/l	95
24) 1,1-Dichloroethane	6.21	63	69221	20.040	ug/l	99
25) 2-Butanone	7.17	43	38100	87.569	ug/l #	87
26) 2,2-Dichloropropane	7.16	77	73989	20.361	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	49477	20.634	ug/l	98
28) Bromochloromethane	7.51	49	24748	19.706	ug/l #	71
29) Tetrahydrofuran	7.53	42	23077	85.135	ug/l #	86
30) Chloroform	7.68	83	76294	20.465	ug/l	99
31) Cyclohexane	7.95	56	69046	19.886	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	75327	20.936	ug/l	99
36) 1,1-Dichloropropene	8.08	75	62478	21.289	ug/l	98
37) Ethyl Acetate	7.25	43	17026	17.876	ug/l #	96
38) Carbon Tetrachloride	8.07	117	67358	21.003	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79947	20.467	ug/l	94
40) Benzene	8.32	78	162532	20.733	ug/l	96
41) Methacrylonitrile	7.49	41	10829	18.949	ug/l	98
42) 1,2-Dichloroethane	8.40	62	46012	19.937	ug/l	99
43) Isopropyl Acetate	8.42	43	37125	18.585	ug/l	94
44) Trichloroethene	9.09	130	52202	21.770	ug/l	95
45) 1,2-Dichloropropane	9.37	63	37014	20.303	ug/l	100
46) Dibromomethane	9.46	93	20669	19.600	ug/l #	87
47) Bromodichloromethane	9.64	83	57535	20.409	ug/l	100
48) Methyl methacrylate	9.43	41	15760	16.689	ug/l #	78
49) 1,4-Dioxane	9.46	88	4579	325.707	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	82257	87.720	ug/l	96
52) Toluene	10.38	92	112234	20.456	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	54223	19.506	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	65248	20.194	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	28839	19.530	ug/l	99
56) Ethyl methacrylate	10.65	69	34283	18.022	ug/l	92
57) 1,3-Dichloropropane	10.93	76	48526	19.838	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	82241	93.249	ug/l #	88
59) 2-Hexanone	10.97	43	57411	85.767	ug/l	97
60) Dibromochloromethane	11.13	129	39537	20.278	ug/l	99
61) 1,2-Dibromoethane	11.23	107	28175	19.554	ug/l	99
64) Tetrachloroethene	10.86	164	46379	21.803	ug/l	93
65) Chlorobenzene	11.66	112	122536	20.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45015	21.415	ug/l	97
67) Ethyl Benzene	11.73	91	230960	21.176	ug/l	99
68) m/p-Xylenes	11.84	106	179506	41.988	ug/l	100
69) o-Xylene	12.16	106	83611	20.953	ug/l	99
70) Styrene	12.18	104	140227	20.616	ug/l	100
71) Bromoform	12.35	173	23329	19.697	ug/l #	98
73) Isopropylbenzene	12.46	105	235575	20.914	ug/l	99
74) N-amyl acetate	12.27	43	34327	17.517	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	29897	18.694	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23816m	18.950	ug/l	
77) Bromobenzene	12.74	156	54750	21.157	ug/l	81
78) n-propylbenzene	12.80	91	276535	21.086	ug/l	97
79) 2-Chlorotoluene	12.89	91	156047	21.113	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	204590	21.086	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10299	17.914	ug/l	95
82) 4-Chlorotoluene	12.99	91	164366	20.946	ug/l	98
83) tert-Butylbenzene	13.21	119	180501	21.284	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	198671	20.759	ug/l	99
85) sec-Butylbenzene	13.38	105	246617	21.057	ug/l	98
86) p-Isopropyltoluene	13.50	119	233105	21.420	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	109283	21.254	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	108275	21.482	ug/l	98
89) n-Butylbenzene	13.82	91	208101	20.921	ug/l	97
90) Hexachloroethane	14.09	117	41664	20.876	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	94790	21.215	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5182	17.905	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	65713	21.159	ug/l	98
94) Hexachlorobutadiene	15.23	225	45657	22.050	ug/l	99
95) Naphthalene	15.36	128	94336	18.883	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	53105	21.016	ug/l	95

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

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