

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016191.D
 Acq On : 14 Aug 2020 14:49
 Operator : SY/VA
 Sample : VW0814SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:46:38 PM

Quant Time: Aug 17 08:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	453375	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	132775	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	137883	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.32	98	550858	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	197581	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35655	18.685	ug/l	99
3) Chloromethane	2.21	50	39144	19.267	ug/l	92
4) Vinyl Chloride	2.36	62	52821	18.575	ug/l	99
5) Bromomethane	2.78	94	34853	19.712	ug/l	92
6) Chloroethane	2.92	64	31518	19.626	ug/l	99
7) Trichlorofluoromethane	3.25	101	41495	18.024	ug/l	93
8) Diethyl Ether	3.68	74	28701	19.867	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57353	18.999	ug/l	99
10) Methyl Iodide	4.26	142	80384	18.429	ug/l	100
11) Tert butyl alcohol	5.18	59	21641	148.596	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	57511	18.721	ug/l	96
13) Acrolein	3.89	56	22260	105.811	ug/l	99
14) Allyl chloride	4.67	41	78496	19.070	ug/l	99
15) Acrylonitrile	5.37	53	56758	104.266	ug/l	100
16) Acetone	4.12	43	52183	99.545	ug/l	99
17) Carbon Disulfide	4.37	76	169190	18.757	ug/l	99
18) Methyl Acetate	4.68	43	24694	20.229	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	77851	20.581	ug/l	98
20) Methylene Chloride	4.91	84	76863	20.709	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	63022	18.838	ug/l	98
22) Diisopropyl ether	6.32	45	154504	19.911	ug/l	97
23) Vinyl Acetate	6.26	43	450432	101.375	ug/l	98
24) 1,1-Dichloroethane	6.22	63	101604	18.760	ug/l	99
25) 2-Butanone	7.17	43	72106	102.636	ug/l	98
26) 2,2-Dichloropropane	7.16	77	66471	19.000	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	67509	19.550	ug/l	99
28) Bromochloromethane	7.51	49	38276	18.628	ug/l	99
29) Tetrahydrofuran	7.54	42	44668	106.364	ug/l	99
30) Chloroform	7.68	83	104514	18.573	ug/l	97
31) Cyclohexane	7.95	56	96360	19.296	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	89329	18.895	ug/l	99
36) 1,1-Dichloropropene	8.09	75	86672	19.406	ug/l	100
37) Ethyl Acetate	7.26	43	32597	21.287	ug/l	100
38) Carbon Tetrachloride	8.07	117	84387	18.933	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108168	20.106	ug/l	98
40) Benzene	8.32	78	241191	19.196	ug/l	100
41) Methacrylonitrile	7.48	41	15989	18.295	ug/l	90
42) 1,2-Dichloroethane	8.40	62	64689	19.494	ug/l	100
43) Isopropyl Acetate	8.43	43	60140	20.875	ug/l	99
44) Trichloroethene	9.10	130	66746	18.756	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57682	19.475	ug/l	100
46) Dibromomethane	9.46	93	30491	19.609	ug/l	99
47) Bromodichloromethane	9.65	83	74797	18.618	ug/l	99
48) Methyl methacrylate	9.44	41	27921	20.847	ug/l	97
49) 1,4-Dioxane	9.45	88	8836	451.269	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	154464	106.008	ug/l	99
52) Toluene	10.39	92	159975	19.883	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	72684	19.539	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90411	19.556	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43729	19.599	ug/l	96
56) Ethyl methacrylate	10.65	69	51208	20.126	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74642	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	116147	100.120	ug/l	100
59) 2-Hexanone	10.97	43	105266	105.602	ug/l	99
60) Dibromochloromethane	11.13	129	50946	19.194	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42033	19.570	ug/l	98
64) Tetrachloroethene	10.86	164	52118	18.979	ug/l	96
65) Chlorobenzene	11.66	112	166130	19.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	56634	18.889	ug/l	99
67) Ethyl Benzene	11.73	91	298985	19.394	ug/l	100
68) m/p-Xylenes	11.84	106	231069	38.995	ug/l	100
69) o-Xylene	12.17	106	103325	19.572	ug/l	96
70) Styrene	12.18	104	177918	19.476	ug/l	99
71) Bromoform	12.35	173	25772	19.206	ug/l #	99
73) Isopropylbenzene	12.47	105	291666	19.771	ug/l	100
74) N-amyl acetate	12.27	43	55054	20.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49292	19.969	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34780m	19.535	ug/l	
77) Bromobenzene	12.75	156	63181	19.363	ug/l	99
78) n-propylbenzene	12.80	91	350523	19.907	ug/l	100
79) 2-Chlorotoluene	12.90	91	202068	19.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	255083	20.143	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	14727	19.841	ug/l	98
82) 4-Chlorotoluene	12.99	91	212542	20.071	ug/l	100
83) tert-Butylbenzene	13.21	119	207185	19.963	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	252911	20.183	ug/l	98
85) sec-Butylbenzene	13.38	105	305331	20.242	ug/l	100
86) p-Isopropyltoluene	13.50	119	277283	20.324	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	129703	19.849	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	122422	19.026	ug/l	98
89) n-Butylbenzene	13.82	91	257618	20.411	ug/l	99
90) Hexachloroethane	14.09	117	48169	18.919	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	111228	19.524	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8170	21.531	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68993	20.308	ug/l	96
94) Hexachlorobutadiene	15.24	225	39575	19.593	ug/l	98
95) Naphthalene	15.36	128	123958	19.734	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	60059	20.585	ug/l	96

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

