

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016299.D
 Acq On : 21 Aug 2020 12:25
 Operator : SY/VA
 Sample : VW0822SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/24/2020 4:55:00 PM

Quant Time: Aug 22 06:16:02 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	236901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	111114	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.89	113	116104	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.32	98	455889	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	163982	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31769	19.720	ug/l	98
3) Chloromethane	2.21	50	31328	18.264	ug/l	99
4) Vinyl Chloride	2.37	62	42062	17.520	ug/l	96
5) Bromomethane	2.78	94	26593	17.815	ug/l	97
6) Chloroethane	2.92	64	24022	17.718	ug/l	96
7) Trichlorofluoromethane	3.26	101	40088	20.625	ug/l	100
8) Diethyl Ether	3.68	74	22813	18.704	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46982	18.434	ug/l	99
10) Methyl Iodide	4.26	142	70065	19.026	ug/l	99
11) Tert butyl alcohol	5.20	59	13470	109.553	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	47443	18.292	ug/l	97
13) Acrolein	3.90	56	15533	87.456	ug/l	96
14) Allyl chloride	4.67	41	64263	18.493	ug/l	98
15) Acrylonitrile	5.37	53	41695	90.725	ug/l	99
16) Acetone	4.14	43	34549	78.064	ug/l	94
17) Carbon Disulfide	4.38	76	136101	17.872	ug/l	98
18) Methyl Acetate	4.67	43	17838	17.308	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	65135	20.395	ug/l	96
20) Methylene Chloride	4.91	84	64781	20.664	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	52051	18.429	ug/l	96
22) Diisopropyl ether	6.31	45	124484	19.002	ug/l	97
23) Vinyl Acetate	6.26	43	349021	93.042	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83243	18.206	ug/l	97
25) 2-Butanone	7.18	43	50203	84.641	ug/l	97
26) 2,2-Dichloropropane	7.17	77	59497	20.144	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	56890	19.514	ug/l	99
28) Bromochloromethane	7.51	49	32433	18.696	ug/l	95
29) Tetrahydrofuran	7.53	42	31594	89.110	ug/l	97
30) Chloroform	7.68	83	89156	18.767	ug/l	98
31) Cyclohexane	7.96	56	77822	18.458	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	77486	19.413	ug/l	97
36) 1,1-Dichloropropene	8.08	75	72273	19.240	ug/l	99
37) Ethyl Acetate	7.25	43	23804	18.483	ug/l	98
38) Carbon Tetrachloride	8.07	117	73456	19.596	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90333	19.965	ug/l	98
40) Benzene	8.32	78	198246	18.760	ug/l	99
41) Methacrylonitrile	7.49	41	13635	18.550	ug/l	97
42) 1,2-Dichloroethane	8.40	62	54135	19.397	ug/l	98
43) Isopropyl Acetate	8.43	43	45099	18.613	ug/l	97
44) Trichloroethene	9.09	130	56524	18.886	ug/l	100
45) 1,2-Dichloropropane	9.37	63	46358	18.610	ug/l	96
46) Dibromomethane	9.46	93	24476	18.716	ug/l	94
47) Bromodichloromethane	9.65	83	64790	19.175	ug/l	96
48) Methyl methacrylate	9.44	41	22023	19.552	ug/l	99
49) 1,4-Dioxane	9.48	88	6478	393.381	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	111784	91.218	ug/l	99
52) Toluene	10.39	92	132017	19.510	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	61948	19.801	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	75855	19.509	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35854	19.107	ug/l	99
56) Ethyl methacrylate	10.65	69	42075	19.662	ug/l	98
57) 1,3-Dichloropropane	10.93	76	59619	18.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	98707	101.171	ug/l	98
59) 2-Hexanone	10.97	43	76356	91.080	ug/l	100
60) Dibromochloromethane	11.13	129	44086	19.750	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34288	18.982	ug/l	98
64) Tetrachloroethene	10.87	164	44253	19.893	ug/l	93
65) Chlorobenzene	11.66	112	139468	20.070	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48522	19.976	ug/l	99
67) Ethyl Benzene	11.73	91	252327	20.204	ug/l	98
68) m/p-Xylenes	11.84	106	198162	41.281	ug/l	98
69) o-Xylene	12.17	106	90323	21.120	ug/l	100
70) Styrene	12.18	104	153469	20.738	ug/l	99
71) Bromoform	12.35	173	22506	20.703	ug/l #	99
73) Isopropylbenzene	12.46	105	250073	20.263	ug/l	100
74) N-amyl acetate	12.27	43	42137	19.065	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	38015	18.409	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	26915m	18.071	ug/l	
77) Bromobenzene	12.75	156	55140	20.200	ug/l	94
78) n-propylbenzene	12.80	91	296968	20.159	ug/l	100
79) 2-Chlorotoluene	12.90	91	170598	20.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	215611	20.352	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	11918	19.193	ug/l	98
82) 4-Chlorotoluene	12.99	91	178137	20.108	ug/l	100
83) tert-Butylbenzene	13.21	119	179639	20.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	216024	20.606	ug/l	99
85) sec-Butylbenzene	13.38	105	258090	20.452	ug/l	99
86) p-Isopropyltoluene	13.50	119	238830	20.925	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111816	20.454	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108945	20.239	ug/l	99
89) n-Butylbenzene	13.82	91	219357	20.774	ug/l	99
90) Hexachloroethane	14.10	117	41945	19.692	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	96535	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6115	19.263	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64812	22.804	ug/l	97
94) Hexachlorobutadiene	15.24	225	38137	22.570	ug/l	98
95) Naphthalene	15.36	128	108778	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	54025	22.134	ug/l	99

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

