

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007871.D
 Acq On : 23 Dec 2018 05:16
 Operator : SY/AP
 Sample : VW1224SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 3:15:31 PM

Quant Time: Dec 24 04:15:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41883	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	37941	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.32	98	149423	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	56777	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10715	17.179	ug/l	87
3) Chloromethane	2.21	50	11962	31.232	ug/l	94
4) Vinyl Chloride	2.37	62	14029	28.775	ug/l	95
5) Bromomethane	2.78	94	8744	25.750	ug/l	89
6) Chloroethane	2.92	64	7339	28.137	ug/l	97
7) Trichlorofluoromethane	3.26	101	8666	17.073	ug/l	96
8) Diethyl Ether	3.67	74	8204	26.388	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15800	21.136	ug/l	98
10) Methyl Iodide	4.27	142	26153	21.999	ug/l	96
11) Tert butyl alcohol	5.17	59	6198	119.480	ug/l	100
12) 1,1-Dichloroethene	4.03	96	15516	22.415	ug/l	90
13) Acrolein	3.90	56	3839	92.557	ug/l	99
14) Allyl chloride	4.66	41	22467	24.750	ug/l	91
15) Acrylonitrile	5.37	53	16244	122.486	ug/l	98
16) Acetone	4.12	43	13472	93.554	ug/l #	89
17) Carbon Disulfide	4.38	76	42877	20.016	ug/l	99
18) Methyl Acetate	4.67	43	9033	26.376	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	26325	26.490	ug/l	95
20) Methylene Chloride	4.92	84	18159	21.639	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	16666	21.891	ug/l	92
22) Diisopropyl ether	6.31	45	44676	26.284	ug/l	96
23) Vinyl Acetate	6.26	43	121605	120.417	ug/l	98
24) 1,1-Dichloroethane	6.21	63	29627	23.693	ug/l	99
25) 2-Butanone	7.18	43	20031	118.760	ug/l	99
26) 2,2-Dichloropropane	7.17	77	17894	19.556	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18723	23.083	ug/l	97
28) Bromochloromethane	7.51	49	9241	21.675	ug/l	92
29) Tetrahydrofuran	7.52	42	13371	132.902	ug/l	94
30) Chloroform	7.68	83	31373	22.170	ug/l	98
31) Cyclohexane	7.95	56	26299	22.974	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	27239	21.135	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24516	20.782	ug/l	99
37) Ethyl Acetate	7.25	43	9597	23.572	ug/l	99
38) Carbon Tetrachloride	8.06	117	24527	17.654	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30043	20.495	ug/l	98
40) Benzene	8.32	78	67943	21.583	ug/l	98
41) Methacrylonitrile	7.49	41	6113	26.446	ug/l	90
42) 1,2-Dichloroethane	8.40	62	21408	20.293	ug/l	100
43) Isopropyl Acetate	8.43	43	18557	22.751	ug/l	99
44) Trichloroethene	9.09	130	19219	20.188	ug/l	91
45) 1,2-Dichloropropane	9.37	63	15897	22.759	ug/l	99
46) Dibromomethane	9.46	93	8907	20.715	ug/l	94
47) Bromodichloromethane	9.65	83	21476	18.999	ug/l	97
48) Methyl methacrylate	9.44	41	9915m	24.353	ug/l	
49) 1,4-Dioxane	9.45	88	3109	456.054	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	45346	117.635	ug/l	97
52) Toluene	10.39	92	46009	21.784	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21941	19.514	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	25583	20.599	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12498	21.084	ug/l	95
56) Ethyl methacrylate	10.65	69	15362	21.934	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21614	21.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	37803	118.221	ug/l	99
59) 2-Hexanone	10.97	43	30433	112.259	ug/l	99
60) Dibromochloromethane	11.13	129	13283	16.924	ug/l	96
61) 1,2-Dibromoethane	11.24	107	12450	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	16608	21.447	ug/l	97
65) Chlorobenzene	11.66	112	48866	20.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16935	20.024	ug/l	98
67) Ethyl Benzene	11.73	91	88156	21.704	ug/l	97
68) m/p-Xylenes	11.84	106	68378	43.398	ug/l	99
69) o-Xylene	12.17	106	32283	21.858	ug/l	99
70) Styrene	12.18	104	51995	21.417	ug/l	99
71) Bromoform	12.35	173	7161	16.310	ug/l #	98
73) Isopropylbenzene	12.47	105	90004	22.385	ug/l	98
74) N-amyl acetate	12.27	43	17508	25.139	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	13551	22.479	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10637m	25.873	ug/l	
77) Bromobenzene	12.75	156	19666	21.342	ug/l	97
78) n-propylbenzene	12.81	91	103231	22.056	ug/l	98
79) 2-Chlorotoluene	12.90	91	60391	22.149	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76789	22.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3704	18.911	ug/l	97
82) 4-Chlorotoluene	12.99	91	63958	22.031	ug/l	100
83) tert-Butylbenzene	13.21	119	66983	22.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78026	22.296	ug/l	99
85) sec-Butylbenzene	13.39	105	91711	21.868	ug/l	100
86) p-Isopropyltoluene	13.51	119	82295	21.580	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	39337	21.501	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	38711	21.153	ug/l	97
89) n-Butylbenzene	13.83	91	73976	21.157	ug/l	99
90) Hexachloroethane	14.10	117	12130	18.118	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	35081	21.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2231	18.021	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23593	20.749	ug/l	99
94) Hexachlorobutadiene	15.24	225	12719	20.931	ug/l	97
95) Naphthalene	15.37	128	49230	23.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21096	21.674	ug/l	99

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

