

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007576.D
 Acq On : 15 Dec 2018 12:42
 Operator : SY/AP
 Sample : VW1217SBS03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS03

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:46:01 PM

Quant Time: Dec 15 20:12:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42822	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	39217	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	
50) Toluene-d8	10.32	98	149706	53.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.96%	
62) 4-Bromofluorobenzene	12.62	95	55944	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11028	21.604	ug/l	94
3) Chloromethane	2.21	50	8877	20.764	ug/l	99
4) Vinyl Chloride	2.37	62	10968	21.862	ug/l	99
5) Bromomethane	2.78	94	6963	20.656	ug/l	96
6) Chloroethane	2.93	64	5762	20.864	ug/l	99
7) Trichlorofluoromethane	3.26	101	9833	21.800	ug/l	92
8) Diethyl Ether	3.68	74	6919	19.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15269	20.516	ug/l	95
10) Methyl Iodide	4.26	142	25788	20.921	ug/l	97
11) Tert butyl alcohol	5.17	59	5790	104.028	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	15293	21.342	ug/l	99
13) Acrolein	3.90	56	2460	66.796	ug/l	95
14) Allyl chloride	4.66	41	20622	19.524	ug/l	97
15) Acrylonitrile	5.37	53	14153	95.100	ug/l	98
16) Acetone	4.12	43	12234	86.426	ug/l	97
17) Carbon Disulfide	4.37	76	46311	21.315	ug/l	98
18) Methyl Acetate	4.67	43	8369	21.783	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	22325	20.652	ug/l	98
20) Methylene Chloride	4.91	84	17125	19.753	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16540	20.634	ug/l	97
22) Diisopropyl ether	6.31	45	39495	19.453	ug/l	97
23) Vinyl Acetate	6.26	43	103576	91.208	ug/l	97
24) 1,1-Dichloroethane	6.21	63	27730	20.209	ug/l	98
25) 2-Butanone	7.17	43	17228	93.225	ug/l	90
26) 2,2-Dichloropropane	7.17	77	17808	19.609	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	18383	20.944	ug/l	99
28) Bromochloromethane	7.51	49	10418	20.185	ug/l	100
29) Tetrahydrofuran	7.54	42	11015	94.153	ug/l	96
30) Chloroform	7.68	83	31082	20.815	ug/l	97
31) Cyclohexane	7.95	56	24699	19.619	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	28336	21.639	ug/l	99
36) 1,1-Dichloropropene	8.08	75	23721	21.281	ug/l	99
37) Ethyl Acetate	7.26	43	7904	19.065	ug/l	100
38) Carbon Tetrachloride	8.07	117	26508	21.857	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28874	21.393	ug/l	94
40) Benzene	8.32	78	65505	21.176	ug/l	99
41) Methacrylonitrile	7.49	41	5153	21.827	ug/l	95
42) 1,2-Dichloroethane	8.40	62	20749	21.353	ug/l	100
43) Isopropyl Acetate	8.43	43	16201	19.784	ug/l	98
44) Trichloroethene	9.09	130	18419	20.852	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15061	21.040	ug/l	98
46) Dibromomethane	9.46	93	8520	20.959	ug/l	99
47) Bromodichloromethane	9.65	83	22700	21.289	ug/l	96
48) Methyl methacrylate	9.44	41	7812	18.574	ug/l	92
49) 1,4-Dioxane	9.45	88	3070	465.440	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	38359	99.135	ug/l	99
52) Toluene	10.39	92	43758	21.859	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	21262	20.539	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	23638	19.753	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12338	22.301	ug/l	97
56) Ethyl methacrylate	10.65	69	14366	21.603	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20175	22.217	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	28905	94.257	ug/l	100
59) 2-Hexanone	10.97	43	26334	102.066	ug/l	99
60) Dibromochloromethane	11.13	129	15372	22.016	ug/l	98
61) 1,2-Dibromoethane	11.24	107	11912	21.787	ug/l	96
64) Tetrachloroethene	10.87	164	17313	22.073	ug/l	98
65) Chlorobenzene	11.66	112	49196	21.640	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	16721	20.883	ug/l	95
67) Ethyl Benzene	11.73	91	84730	21.678	ug/l	93
68) m/p-Xylenes	11.84	106	67253	44.260	ug/l	97
69) o-Xylene	12.17	106	30699	21.633	ug/l	97
70) Styrene	12.18	104	50828	22.175	ug/l	98
71) Bromoform	12.35	173	8249	20.128	ug/l #	96
73) Isopropylbenzene	12.47	105	86737	20.697	ug/l	100
74) N-amyl acetate	12.28	43	14544	19.095	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12922	20.818	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	10034m	22.250	ug/l	
77) Bromobenzene	12.75	156	19804	21.319	ug/l	99
78) n-propylbenzene	12.81	91	102102	21.648	ug/l	99
79) 2-Chlorotoluene	12.90	91	59647	20.901	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	74806	21.243	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3627	17.766	ug/l	96
82) 4-Chlorotoluene	12.99	91	62442	20.757	ug/l	97
83) tert-Butylbenzene	13.21	119	65580	21.136	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	76422	21.090	ug/l	99
85) sec-Butylbenzene	13.39	105	90798	21.436	ug/l	97
86) p-Isopropyltoluene	13.51	119	80781	21.229	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	38930	21.019	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38598	20.729	ug/l	98
89) n-Butylbenzene	13.83	91	73801	20.921	ug/l	98
90) Hexachloroethane	14.10	117	14053	20.756	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	34501	20.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2409	19.339	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23610	20.681	ug/l	94
94) Hexachlorobutadiene	15.24	225	12489	20.618	ug/l	99
95) Naphthalene	15.38	128	44799	20.513	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	20658	20.831	ug/l	96

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

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