

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007678.D
 Acq On : 19 Dec 2018 01:57
 Operator : SY/AP
 Sample : VW1220SBSD02
 Misc : 4.77G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBSD02

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:46 PM

Quant Time: Dec 19 05:56:43 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	60430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	33417	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
35) Dibromofluoromethane	7.88	113	30505	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.32	98	111767	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
62) 4-Bromofluorobenzene	12.62	95	43960	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	9948	23.557	ug/l	92
3) Chloromethane	2.21	50	6670	18.859	ug/l	92
4) Vinyl Chloride	2.36	62	8665	20.877	ug/l	95
5) Bromomethane	2.78	94	6370	22.843	ug/l	99
6) Chloroethane	2.92	64	4929	21.574	ug/l	96
7) Trichlorofluoromethane	3.26	101	8373	22.439	ug/l	97
8) Diethyl Ether	3.67	74	6799	23.280	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13620	22.121	ug/l	97
10) Methyl Iodide	4.26	142	22706	22.267	ug/l	97
11) Tert butyl alcohol	5.17	59	5223	113.436	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	12920	21.795	ug/l	93
13) Acrolein	3.89	56	3003	98.566	ug/l	99
14) Allyl chloride	4.66	41	17870	20.451	ug/l	96
15) Acrylonitrile	5.36	53	13578	110.286	ug/l	98
16) Acetone	4.12	43	11541	98.554	ug/l	99
17) Carbon Disulfide	4.37	76	37133	20.659	ug/l	99
18) Methyl Acetate	4.67	43	7198	22.647	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	20098	22.474	ug/l	99
20) Methylene Chloride	4.91	84	15362	21.777	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	14750	22.243	ug/l	96
22) Diisopropyl ether	6.31	45	35423	21.091	ug/l	93
23) Vinyl Acetate	6.26	43	98895	105.270	ug/l	98
24) 1,1-Dichloroethane	6.21	63	24736	21.791	ug/l	98
25) 2-Butanone	7.17	43	15682	102.578	ug/l	99
26) 2,2-Dichloropropane	7.16	77	16809	22.374	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	16360	22.531	ug/l	98
28) Bromochloromethane	7.51	49	9149	21.427	ug/l	93
29) Tetrahydrofuran	7.53	42	9934	102.643	ug/l	96
30) Chloroform	7.68	83	28157	22.793	ug/l	100
31) Cyclohexane	7.96	56	20346	19.535	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	25376	23.425	ug/l	98
36) 1,1-Dichloropropene	8.08	75	20415	22.002	ug/l	99
37) Ethyl Acetate	7.25	43	6761	19.591	ug/l #	94
38) Carbon Tetrachloride	8.07	117	23680	23.454	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	24064	21.417	ug/l	91
40) Benzene	8.32	78	58113	22.568	ug/l	98
41) Methacrylonitrile	7.49	41	4379	22.282	ug/l	95
42) 1,2-Dichloroethane	8.40	62	19280	23.835	ug/l	100
43) Isopropyl Acetate	8.42	43	14569	21.371	ug/l	97
44) Trichloroethene	9.09	130	16924	23.016	ug/l	94
45) 1,2-Dichloropropane	9.37	63	13432	22.541	ug/l	97
46) Dibromomethane	9.46	93	7917	23.395	ug/l	99
47) Bromodichloromethane	9.65	83	20975	23.630	ug/l #	95
48) Methyl methacrylate	9.43	41	7307	20.870	ug/l	93
49) 1,4-Dioxane	9.45	88	2828	515.044	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	34043	105.689	ug/l	100
52) Toluene	10.39	92	38713	23.231	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	19619	22.767	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	22121	22.206	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	10810	23.471	ug/l	95
56) Ethyl methacrylate	10.65	69	12459	22.506	ug/l	99
57) 1,3-Dichloropropane	10.93	76	18431	24.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	26865	105.236	ug/l	96
59) 2-Hexanone	10.97	43	23373	108.823	ug/l	98
60) Dibromochloromethane	11.13	129	14465	24.887	ug/l	98
61) 1,2-Dibromoethane	11.24	107	11275	24.772	ug/l	92
64) Tetrachloroethene	10.86	164	15018	22.610	ug/l	95
65) Chlorobenzene	11.66	112	43971	22.840	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	15848	23.373	ug/l	96
67) Ethyl Benzene	11.73	91	75603	22.841	ug/l	94
68) m/p-Xylenes	11.84	106	59348	46.122	ug/l	99
69) o-Xylene	12.17	106	28073	23.360	ug/l	97
70) Styrene	12.18	104	46725	24.072	ug/l	98
71) Bromoform	12.35	173	8341	24.034	ug/l #	98
73) Isopropylbenzene	12.47	105	78369	21.618	ug/l	99
74) N-amyl acetate	12.27	43	13834	20.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11883	22.132	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	9027m	23.141	ug/l	
77) Bromobenzene	12.75	156	18134	22.567	ug/l	97
78) n-propylbenzene	12.80	91	92094	22.573	ug/l	99
79) 2-Chlorotoluene	12.90	91	54185	21.950	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	68016	22.329	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	3443	19.497	ug/l	99
82) 4-Chlorotoluene	12.99	91	58215	22.372	ug/l	96
83) tert-Butylbenzene	13.21	119	60657	22.600	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	70457	22.478	ug/l	99
85) sec-Butylbenzene	13.39	105	82953	22.640	ug/l	96
86) p-Isopropyltoluene	13.51	119	74664	22.683	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	36504	22.785	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	36441	22.625	ug/l	97
89) n-Butylbenzene	13.83	91	67492	22.118	ug/l	99
90) Hexachloroethane	14.10	117	13280	22.675	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	33546	23.378	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2155	20.000	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22139	22.419	ug/l	97
94) Hexachlorobutadiene	15.24	225	11750	22.425	ug/l	100
95) Naphthalene	15.38	128	40316	21.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	18838	21.960	ug/l	94

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

