

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007749.D
 Acq On : 20 Dec 2018 16:15
 Operator : SY/AP
 Sample : VW1222SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1222SBS01

Manual Integrations
 APPROVED

apatel
 12/21/2018 11:02:39 AM

Quant Time: Dec 21 04:07:10 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	69413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	37247	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.88	113	34392	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.32	98	130678	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	49406	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12917	20.933	ug/l	99
3) Chloromethane	2.21	50	8178	21.582	ug/l	100
4) Vinyl Chloride	2.37	62	10007	20.746	ug/l	92
5) Bromomethane	2.78	94	7210	21.461	ug/l	93
6) Chloroethane	2.93	64	5479	21.232	ug/l	96
7) Trichlorofluoromethane	3.25	101	10542	20.993	ug/l	88
8) Diethyl Ether	3.68	74	5673	18.444	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14996	20.276	ug/l	97
10) Methyl Iodide	4.26	142	24243	20.612	ug/l	99
11) Tert butyl alcohol	5.17	59	4890	95.281	ug/l #	91
12) 1,1-Dichloroethene	4.04	96	14751	21.539	ug/l	87
13) Acrolein	3.89	56	4170	101.621	ug/l	100
14) Allyl chloride	4.66	41	18441	20.534	ug/l	99
15) Acrylonitrile	5.37	53	12986	98.975	ug/l	99
16) Acetone	4.12	43	14580	102.340	ug/l	98
17) Carbon Disulfide	4.38	76	43311	20.437	ug/l	99
18) Methyl Acetate	4.67	43	6796	20.058	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20767	21.122	ug/l	96
20) Methylene Chloride	4.91	84	17036	20.146	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	15501	20.580	ug/l	99
22) Diisopropyl ether	6.31	45	34610	20.581	ug/l	94
23) Vinyl Acetate	6.26	43	101296	101.387	ug/l	99
24) 1,1-Dichloroethane	6.21	63	25908	20.943	ug/l	98
25) 2-Butanone	7.18	43	16038	96.111	ug/l	91
26) 2,2-Dichloropropane	7.16	77	19373	21.400	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	16843	20.989	ug/l	99
28) Bromochloromethane	7.51	49	8166	19.360	ug/l	96
29) Tetrahydrofuran	7.53	42	9911	99.573	ug/l	100
30) Chloroform	7.68	83	28971	20.693	ug/l	97
31) Cyclohexane	7.95	56	23148	20.439	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	27374	21.469	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22410	21.246	ug/l	99
37) Ethyl Acetate	7.26	43	7477	20.540	ug/l	97
38) Carbon Tetrachloride	8.07	117	26469	21.308	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28495	21.740	ug/l	99
40) Benzene	8.32	78	60328	21.433	ug/l	99
41) Methacrylonitrile	7.48	41	4777	23.113	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	19640	20.821	ug/l	100
43) Isopropyl Acetate	8.43	43	14536	19.931	ug/l	98
44) Trichloroethene	9.09	130	18096	21.259	ug/l	97
45) 1,2-Dichloropropane	9.37	63	13171	21.088	ug/l	100
46) Dibromomethane	9.46	93	7935	20.639	ug/l	99
47) Bromodichloromethane	9.65	83	20729	20.509	ug/l	95
48) Methyl methacrylate	9.44	41	7094	19.487	ug/l	95
49) 1,4-Dioxane	9.45	88	2393	392.585	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	35036	101.650	ug/l	99
52) Toluene	10.39	92	40137	21.253	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	20776	20.666	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	23409	21.080	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	11066	20.879	ug/l	93
56) Ethyl methacrylate	10.65	69	12402	19.805	ug/l	95
57) 1,3-Dichloropropane	10.93	76	18517	21.039	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29659	103.734	ug/l	99
59) 2-Hexanone	10.97	43	24604	101.503	ug/l	97
60) Dibromochloromethane	11.13	129	14355	20.455	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11313	21.078	ug/l	96
64) Tetrachloroethene	10.87	164	15422	22.224	ug/l	95
65) Chlorobenzene	11.66	112	45612	21.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	15846	20.908	ug/l	96
67) Ethyl Benzene	11.73	91	80584	22.140	ug/l	99
68) m/p-Xylenes	11.84	106	62340	44.153	ug/l	100
69) o-Xylene	12.17	106	28896	21.833	ug/l	100
70) Styrene	12.18	104	47683	21.918	ug/l	100
71) Bromoform	12.35	173	8325	21.160	ug/l #	99
73) Isopropylbenzene	12.47	105	83642	21.540	ug/l	100
74) N-amyl acetate	12.27	43	13244	19.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	11596	19.917	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	7422m	18.693	ug/l	
77) Bromobenzene	12.75	156	18569	20.866	ug/l	98
78) n-propylbenzene	12.81	91	97707	21.616	ug/l	99
79) 2-Chlorotoluene	12.90	91	56245	21.360	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	72515	21.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3892	20.576	ug/l	97
82) 4-Chlorotoluene	12.99	91	60095	21.434	ug/l	99
83) tert-Butylbenzene	13.21	119	64213	21.850	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75581	22.363	ug/l	99
85) sec-Butylbenzene	13.39	105	87686	21.649	ug/l	99
86) p-Isopropyltoluene	13.51	119	81332	22.083	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	37780	21.382	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	37253	21.078	ug/l	98
89) n-Butylbenzene	13.83	91	74310	22.006	ug/l	99
90) Hexachloroethane	14.10	117	13498	20.876	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	34242	21.645	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2568	21.478	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23461	21.365	ug/l	99
94) Hexachlorobutadiene	15.24	225	12847	21.891	ug/l	99
95) Naphthalene	15.38	128	43652	21.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20277	21.571	ug/l	98

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

