

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006734.D
 Acq On : 07 Nov 2018 14:24
 Operator : SY/AP
 Sample : VW1107SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Manual Integrations
 APPROVED

apatel
 11/8/2018 11:03:19 AM

Quant Time: Nov 07 15:55:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121441	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	133668	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.33	98	492761	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	171540	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32595	20.940	ug/l	99
3) Chloromethane	2.21	50	42536	22.086	ug/l	99
4) Vinyl Chloride	2.37	62	63682	23.681	ug/l	99
5) Bromomethane	2.78	94	54504	24.151	ug/l	100
6) Chloroethane	2.93	64	43856	23.341	ug/l	95
7) Trichlorofluoromethane	3.26	101	58014	24.430	ug/l	98
8) Diethyl Ether	3.68	74	26083	20.093	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62869	24.792	ug/l	99
10) Methyl Iodide	4.26	142	99786	21.703	ug/l	100
11) Tert butyl alcohol	5.19	59	14710	105.777	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	57743	23.576	ug/l	95
13) Acrolein	3.89	56	15200	86.904	ug/l	99
14) Allyl chloride	4.67	41	71718	22.433	ug/l	99
15) Acrylonitrile	5.37	53	49618	106.603	ug/l	99
16) Acetone	4.13	43	61096	146.615	ug/l	98
17) Carbon Disulfide	4.37	76	163760	23.496	ug/l	100
18) Methyl Acetate	4.67	43	23959	19.995	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	76303	20.930	ug/l	98
20) Methylene Chloride	4.91	84	61440	19.054	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	62719	22.631	ug/l	97
22) Diisopropyl ether	6.31	45	144505	21.681	ug/l	99
23) Vinyl Acetate	6.26	43	393145	106.370	ug/l	99
24) 1,1-Dichloroethane	6.22	63	99849	22.105	ug/l	99
25) 2-Butanone	7.18	43	72165	121.361	ug/l	94
26) 2,2-Dichloropropane	7.17	77	71377	26.232	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	68729	22.167	ug/l	98
28) Bromochloromethane	7.51	49	37459	20.884	ug/l	98
29) Tetrahydrofuran	7.53	42	38786	103.703	ug/l	99
30) Chloroform	7.68	83	111126	22.439	ug/l	97
31) Cyclohexane	7.96	56	95651	23.266	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	98847	23.588	ug/l	99
36) 1,1-Dichloropropene	8.09	75	89443	24.824	ug/l	99
37) Ethyl Acetate	7.26	43	28206	22.590	ug/l	99
38) Carbon Tetrachloride	8.07	117	94584	25.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	112681	24.644	ug/l	99
40) Benzene	8.32	78	250351	24.463	ug/l	98
41) Methacrylonitrile	7.49	41	16559	21.628	ug/l	99
42) 1,2-Dichloroethane	8.40	62	67578	23.025	ug/l	100
43) Isopropyl Acetate	8.43	43	53990	21.669	ug/l	99
44) Trichloroethene	9.09	130	76093	24.095	ug/l	100
45) 1,2-Dichloropropane	9.37	63	57547	24.163	ug/l	98
46) Dibromomethane	9.46	93	31856	22.754	ug/l	97
47) Bromodichloromethane	9.65	83	74835	23.021	ug/l	92
48) Methyl methacrylate	9.44	41	25139	20.942	ug/l	97
49) 1,4-Dioxane	9.46	88	8328	406.464	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	140499	109.797	ug/l	98
52) Toluene	10.39	92	160753	23.420	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	72810	23.273	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	86079	23.284	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43860	22.080	ug/l	95
56) Ethyl methacrylate	10.65	69	46866	20.758	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71747	22.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	111413	101.514	ug/l	98
59) 2-Hexanone	10.97	43	103592	119.193	ug/l	100
60) Dibromochloromethane	11.13	129	52921	22.486	ug/l	97
61) 1,2-Dibromoethane	11.24	107	42827	21.711	ug/l	99
64) Tetrachloroethene	10.87	164	67569	23.030	ug/l	96
65) Chlorobenzene	11.66	112	184524	23.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	63390	23.286	ug/l	98
67) Ethyl Benzene	11.74	91	315072	24.338	ug/l	98
68) m/p-Xylenes	11.84	106	247911	47.933	ug/l	99
69) o-Xylene	12.17	106	115884	23.535	ug/l	99
70) Styrene	12.18	104	190116	23.683	ug/l	100
71) Bromoform	12.35	173	32289	22.376	ug/l #	99
73) Isopropylbenzene	12.47	105	325616	23.141	ug/l	100
74) N-amyl acetate	12.28	43	49340	20.292	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47960	21.581	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	31858m	19.116	ug/l	
77) Bromobenzene	12.75	156	81066	22.252	ug/l	99
78) n-propylbenzene	12.81	91	380010	23.480	ug/l	99
79) 2-Chlorotoluene	12.90	91	216242	23.281	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	278251	23.538	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12944	21.705	ug/l	97
82) 4-Chlorotoluene	12.99	91	223341	22.728	ug/l	99
83) tert-Butylbenzene	13.21	119	247110	23.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	284020	23.424	ug/l	99
85) sec-Butylbenzene	13.39	105	360217	24.398	ug/l	99
86) p-Isopropyltoluene	13.51	119	327825	24.402	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	169051	23.562	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	163740	23.024	ug/l	99
89) n-Butylbenzene	13.83	91	295019	24.738	ug/l	99
90) Hexachloroethane	14.10	117	53049	24.026	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	149028	23.092	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7334	20.338	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	105521	21.989	ug/l	100
94) Hexachlorobutadiene	15.24	225	69424	23.212	ug/l	99
95) Naphthalene	15.38	128	155395	20.148	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	92574	21.950	ug/l	98

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

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