

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007183.D
 Acq On : 04 Dec 2018 12:54
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:40 PM

Quant Time: Dec 05 01:03:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	121101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	77755	68.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.92%	
35) Dibromofluoromethane	7.89	113	75125	68.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.74%	
50) Toluene-d8	10.33	98	330467	68.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.56%	
62) 4-Bromofluorobenzene	12.62	95	121078	66.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	78662	59.370	ug/l	99
3) Chloromethane	2.22	50	104674	62.385	ug/l	99
4) Vinyl Chloride	2.36	62	68396	65.105	ug/l	99
5) Bromomethane	2.76	94	33604	63.834	ug/l	93
6) Chloroethane	2.92	64	37934	64.355	ug/l	99
7) Trichlorofluoromethane	3.26	101	134426	65.631	ug/l	99
8) Diethyl Ether	3.69	74	39813	69.735	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	80789	65.296	ug/l	99
10) Methyl Iodide	4.28	142	67144	63.704	ug/l	98
11) Tert butyl alcohol	5.16	59	34708	263.750	ug/l	99
12) 1,1-Dichloroethene	4.04	96	75538	65.147	ug/l	97
13) Acrolein	3.90	56	27220	344.543	ug/l	98
14) Allyl chloride	4.67	41	121969	65.625	ug/l	99
15) Acrylonitrile	5.37	53	84916	355.786	ug/l	99
16) Acetone	4.12	43	99149	371.459	ug/l	99
17) Carbon Disulfide	4.39	76	253451	66.313	ug/l	100
18) Methyl Acetate	4.67	43	41916	68.798	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	189197	69.303	ug/l	99
20) Methylene Chloride	4.92	84	92963	58.568	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	84134	64.984	ug/l	97
22) Diisopropyl ether	6.32	45	235273	70.516	ug/l	98
23) Vinyl Acetate	6.26	43	650257	357.181	ug/l	99
24) 1,1-Dichloroethane	6.22	63	142328	66.556	ug/l	100
25) 2-Butanone	7.17	43	111228	359.482	ug/l	97
26) 2,2-Dichloropropane	7.17	77	133826	65.121	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	93320	67.237	ug/l	99
28) Bromochloromethane	7.51	49	53270	69.084	ug/l	98
29) Tetrahydrofuran	7.53	42	68504	358.279	ug/l	100
30) Chloroform	7.68	83	149219	67.142	ug/l	99
31) Cyclohexane	7.96	56	141241	63.125	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	138895	66.409	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125914	67.437	ug/l	99
37) Ethyl Acetate	7.26	43	44871	66.437	ug/l	99
38) Carbon Tetrachloride	8.07	117	124249	65.198	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	165419	66.182	ug/l	97
40) Benzene	8.33	78	352730	68.894	ug/l	100
41) Methacrylonitrile	7.49	41	29646	73.283	ug/l	96
42) 1,2-Dichloroethane	8.40	62	95344	66.632	ug/l	99
43) Isopropyl Acetate	8.43	43	95656	72.924	ug/l	98
44) Trichloroethene	9.09	130	98069	68.143	ug/l	99
45) 1,2-Dichloropropane	9.37	63	81176	68.133	ug/l	98
46) Dibromomethane	9.46	93	42372	68.441	ug/l	97
47) Bromodichloromethane	9.65	83	109156	67.028	ug/l	99
48) Methyl methacrylate	9.44	41	47338	69.533	ug/l	94
49) 1,4-Dioxane	9.45	88	14732	1362.165	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	237550	367.482	ug/l	99
52) Toluene	10.39	92	236925	66.524	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	112674	68.817	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	132220	68.908	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	60663	68.886	ug/l	97
56) Ethyl methacrylate	10.65	69	84244	73.337	ug/l	96
57) 1,3-Dichloropropane	10.93	76	105473	70.941	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	162463	352.108	ug/l	100
59) 2-Hexanone	10.97	43	179280	382.583	ug/l	99
60) Dibromochloromethane	11.13	129	74635	68.957	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60317	71.411	ug/l	100
64) Tetrachloroethene	10.87	164	81788	64.666	ug/l	94
65) Chlorobenzene	11.66	112	253858	65.661	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	80620	67.520	ug/l	98
67) Ethyl Benzene	11.73	91	449917	63.850	ug/l	99
68) m/p-Xylenes	11.84	106	349023	126.257	ug/l	97
69) o-Xylene	12.17	106	171591	66.437	ug/l	99
70) Styrene	12.18	104	278475	65.867	ug/l	98
71) Bromoform	12.35	173	42556	71.197	ug/l #	97
73) Isopropylbenzene	12.47	105	468080	66.994	ug/l	99
74) N-amyl acetate	12.27	43	91361	73.752	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	66438	73.218	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	54018m	46.785	ug/l	
77) Bromobenzene	12.75	156	104172	69.073	ug/l	97
78) n-propylbenzene	12.81	91	557337	66.956	ug/l	96
79) 2-Chlorotoluene	12.90	91	315443	67.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	401472	67.168	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22021	71.356	ug/l	93
82) 4-Chlorotoluene	12.99	91	326900	65.372	ug/l	100
83) tert-Butylbenzene	13.21	119	352067	67.402	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	387634	63.533	ug/l	94
85) sec-Butylbenzene	13.39	105	497590	66.729	ug/l	98
86) p-Isopropyltoluene	13.51	119	443260	66.775	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	202904	65.538	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	202944	64.894	ug/l	98
89) n-Butylbenzene	13.83	91	404234	65.166	ug/l	99
90) Hexachloroethane	14.10	117	68302	67.521	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	184273	68.753	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12520	71.225	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127169	68.466	ug/l	100
94) Hexachlorobutadiene	15.24	225	68116	68.006	ug/l	99
95) Naphthalene	15.38	128	237281	71.280	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	106149	67.775	ug/l	100

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

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