

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006548.D
 Acq On : 01 Nov 2018 02:04
 Operator : SY/AP
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:20:16 PM

Quant Time: Nov 01 03:42:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	429353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	217437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	359236	144.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.18%	
35) Dibromofluoromethane	7.88	113	389700	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1514735	154.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.32%	
62) 4-Bromofluorobenzene	12.62	95	540428	147.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	213802	147.285	ug/l	99
3) Chloromethane	2.22	50	277938	147.653	ug/l	97
4) Vinyl Chloride	2.37	62	371911	139.073	ug/l	99
5) Bromomethane	2.79	94	312166	128.999	ug/l	100
6) Chloroethane	2.93	64	259321	135.759	ug/l	99
7) Trichlorofluoromethane	3.26	101	363625	147.492	ug/l	96
8) Diethyl Ether	3.68	74	177291	135.549	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	357516	136.511	ug/l	100
10) Methyl Iodide	4.26	142	650070	147.560	ug/l	100
11) Tert butyl alcohol	5.25	59	93096	574.243	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	349990	141.509	ug/l	99
13) Acrolein	3.90	56	121967	748.653	ug/l	100
14) Allyl chloride	4.67	41	468866	134.213	ug/l	98
15) Acrylonitrile	5.38	53	326762	685.343	ug/l	99
16) Acetone	4.15	43	269634	514.979	ug/l	98
17) Carbon Disulfide	4.37	76	1043458	141.262	ug/l	99
18) Methyl Acetate	4.68	43	164042	133.833	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	492467	131.313	ug/l	100
20) Methylene Chloride	4.92	84	367514	126.316	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	395302	143.053	ug/l	99
22) Diisopropyl ether	6.32	45	953957	137.145	ug/l	99
23) Vinyl Acetate	6.26	43	2721857	667.329	ug/l	99
24) 1,1-Dichloroethane	6.21	63	642733	142.561	ug/l	99
25) 2-Butanone	7.18	43	402242	611.903	ug/l	96
26) 2,2-Dichloropropane	7.17	77	378044	121.187	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	443441	144.970	ug/l	99
28) Bromochloromethane	7.51	49	247841	142.740	ug/l	100
29) Tetrahydrofuran	7.54	42	261593	646.339	ug/l	98
30) Chloroform	7.68	83	695976	141.099	ug/l	99
31) Cyclohexane	7.96	56	542614	122.312	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	601242	136.670	ug/l	99
36) 1,1-Dichloropropene	8.09	75	534472	136.047	ug/l	99
37) Ethyl Acetate	7.26	43	189206	130.263	ug/l	99
38) Carbon Tetrachloride	8.07	117	583059	136.328	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	696666	134.085	ug/l	99
40) Benzene	8.32	78	1548471	142.559	ug/l	99
41) Methacrylonitrile	7.49	41	118158	135.932	ug/l	98
42) 1,2-Dichloroethane	8.40	62	427664	134.890	ug/l	100
43) Isopropyl Acetate	8.43	43	384010	130.139	ug/l	99
44) Trichloroethene	9.09	130	473221	141.935	ug/l	98
45) 1,2-Dichloropropane	9.37	63	360342	139.187	ug/l	99
46) Dibromomethane	9.46	93	208583	140.957	ug/l	99
47) Bromodichloromethane	9.65	83	511837	143.156	ug/l	100
48) Methyl methacrylate	9.44	41	188346	134.281	ug/l	99
49) 1,4-Dioxane	9.48	88	59775	2641.806	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	968463	651.856	ug/l	100
52) Toluene	10.39	92	1052028	144.507	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	511411	144.152	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	588326	144.154	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	296019	142.629	ug/l	97
56) Ethyl methacrylate	10.65	69	364462	144.218	ug/l	99
57) 1,3-Dichloropropane	10.93	76	478853	139.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	846016	842.611	ug/l	100
59) 2-Hexanone	10.98	43	657099	622.070	ug/l	100
60) Dibromochloromethane	11.13	129	380384	147.823	ug/l	100
61) 1,2-Dibromoethane	11.24	107	299129	144.325	ug/l	100
64) Tetrachloroethene	10.87	164	453389	147.197	ug/l	99
65) Chlorobenzene	11.66	112	1202229	142.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	443770	148.417	ug/l	99
67) Ethyl Benzene	11.74	91	2044019	140.545	ug/l	99
68) m/p-Xylenes	11.84	106	1640268	284.767	ug/l	99
69) o-Xylene	12.17	106	793231	144.437	ug/l	100
70) Styrene	12.18	104	1308347	146.348	ug/l	100
71) Bromoform	12.35	173	247649	149.698	ug/l #	100
73) Isopropylbenzene	12.47	105	2160988	141.728	ug/l	100
74) N-amyl acetate	12.28	43	383785	131.871	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	327559	141.211	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	253291m	150.534	ug/l	
77) Bromobenzene	12.75	156	540286	143.770	ug/l	99
78) n-propylbenzene	12.81	91	2435698	137.720	ug/l	100
79) 2-Chlorotoluene	12.90	91	1386062	139.363	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1786715	139.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	99419	145.945	ug/l	95
82) 4-Chlorotoluene	12.99	91	1457073	139.319	ug/l	100
83) tert-Butylbenzene	13.21	119	1607040	139.868	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1817237	139.496	ug/l	100
85) sec-Butylbenzene	13.39	105	2213457	136.768	ug/l	100
86) p-Isopropyltoluene	13.51	119	2043445	139.472	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1054655	141.038	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1029869	138.417	ug/l	100
89) n-Butylbenzene	13.83	91	1806835	135.223	ug/l	99
90) Hexachloroethane	14.10	117	354829	143.692	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	940924	141.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	55195	134.900	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	719436	140.034	ug/l	100
94) Hexachlorobutadiene	15.24	225	443068	138.169	ug/l	99
95) Naphthalene	15.38	128	1215602	142.799	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	628043	141.134	ug/l	99

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

