

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006786.D
 Acq On : 09 Nov 2018 13:58
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:40:48 PM

Quant Time: Nov 09 14:24:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 13:58:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150243	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.89	113	157820	61.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.86%	
50) Toluene-d8	10.33	98	686661	70.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.56%	
62) 4-Bromofluorobenzene	12.62	95	253303	72.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	167867	104.983	ug/l	99
3) Chloromethane	2.21	50	203494	102.857	ug/l	99
4) Vinyl Chloride	2.36	62	217833	78.855	ug/l	100
5) Bromomethane	2.78	94	142945	61.659	ug/l	100
6) Chloroethane	2.92	64	137947	71.470	ug/l	98
7) Trichlorofluoromethane	3.26	101	266992	109.448	ug/l	99
8) Diethyl Ether	3.69	74	77899	58.418	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	171743	65.930	ug/l	100
10) Methyl Iodide	4.28	142	270123	57.191	ug/l	100
11) Tert butyl alcohol	5.21	59	53408	373.860	ug/l	100
12) 1,1-Dichloroethene	4.04	96	152601	60.654	ug/l	100
13) Acrolein	3.90	56	55563	309.245	ug/l	99
14) Allyl chloride	4.68	41	205676	62.628	ug/l	99
15) Acrylonitrile	5.38	53	174240	364.417	ug/l	99
16) Acetone	4.15	43	112243	262.209	ug/l	95
17) Carbon Disulfide	4.39	76	523714	73.148	ug/l	100
18) Methyl Acetate	4.68	43	77878	63.268	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	382540	102.147	ug/l	100
20) Methylene Chloride	4.92	84	184046	55.219	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	177649	62.401	ug/l	99
22) Diisopropyl ether	6.32	45	443124	64.722	ug/l	99
23) Vinyl Acetate	6.26	43	1312883	345.791	ug/l	99
24) 1,1-Dichloroethane	6.23	63	278526	60.025	ug/l	99
25) 2-Butanone	7.18	43	197514	323.351	ug/l	99
26) 2,2-Dichloropropane	7.17	77	255981	91.580	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	190751	59.890	ug/l	99
28) Bromochloromethane	7.52	49	107361	58.268	ug/l	100
29) Tetrahydrofuran	7.54	42	130677	340.126	ug/l	99
30) Chloroform	7.68	83	302106	59.383	ug/l	99
31) Cyclohexane	7.96	56	273527	64.767	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	285887	66.411	ug/l	98
36) 1,1-Dichloropropene	8.09	75	254993	71.406	ug/l	100
37) Ethyl Acetate	7.26	43	92838	75.020	ug/l	99
38) Carbon Tetrachloride	8.07	117	266015	71.290	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	337017	74.368	ug/l	99
40) Benzene	8.33	78	723569	71.337	ug/l	98
41) Methacrylonitrile	7.49	41	58066	76.520	ug/l	89
42) 1,2-Dichloroethane	8.40	62	191388	65.794	ug/l	99
43) Isopropyl Acetate	8.43	43	182316	73.829	ug/l	98
44) Trichloroethene	9.10	130	219586	70.156	ug/l	100
45) 1,2-Dichloropropane	9.37	63	167453	70.940	ug/l	100
46) Dibromomethane	9.46	93	94627	68.196	ug/l	99
47) Bromodichloromethane	9.65	83	227543	70.625	ug/l	99
48) Methyl methacrylate	9.44	41	89562	75.277	ug/l	98
49) 1,4-Dioxane	9.47	88	31578	1555.036	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	481458	379.621	ug/l	99
52) Toluene	10.39	92	522026	76.734	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	238469	76.908	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	275154	75.093	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	142021	72.137	ug/l	99
56) Ethyl methacrylate	10.65	69	175334	78.354	ug/l	97
57) 1,3-Dichloropropane	10.93	76	227960	71.306	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	428145	393.601	ug/l	100
59) 2-Hexanone	10.97	43	336763	390.952	ug/l	99
60) Dibromochloromethane	11.13	129	177394	76.049	ug/l	100
61) 1,2-Dibromoethane	11.24	107	139953	71.584	ug/l	100
64) Tetrachloroethene	10.87	164	212228	66.358	ug/l	99
65) Chlorobenzene	11.66	112	599067	70.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	195059	65.733	ug/l	99
67) Ethyl Benzene	11.74	91	1036410	73.444	ug/l	100
68) m/p-Xylenes	11.84	106	846036	150.063	ug/l	100
69) o-Xylene	12.17	106	395923	73.765	ug/l	100
70) Styrene	12.18	104	654608	74.807	ug/l	99
71) Bromoform	12.35	173	112859	71.748	ug/l #	99
73) Isopropylbenzene	12.47	105	1087144	71.184	ug/l	100
74) N-amyl acetate	12.28	43	187230	70.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	161609	66.999	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	122767m	67.870	ug/l	
77) Bromobenzene	12.75	156	273848	69.256	ug/l	99
78) n-propylbenzene	12.81	91	1280961	72.921	ug/l	100
79) 2-Chlorotoluene	12.90	91	713897	70.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	932717	72.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	49803	79.955	ug/l	98
82) 4-Chlorotoluene	12.99	91	760815	71.333	ug/l	100
83) tert-Butylbenzene	13.21	119	824446	72.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	962411	73.129	ug/l	100
85) sec-Butylbenzene	13.39	105	1161103	72.455	ug/l	100
86) p-Isopropyltoluene	13.51	119	1070445	73.411	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	551360	70.803	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	543162	70.366	ug/l	100
89) n-Butylbenzene	13.83	91	984272	76.042	ug/l	100
90) Hexachloroethane	14.10	117	167858	70.042	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	485664	69.334	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26537	67.801	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	370984	71.226	ug/l	99
94) Hexachlorobutadiene	15.24	225	225052	69.327	ug/l	100
95) Naphthalene	15.38	128	615197	73.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	319587	69.814	ug/l	99

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

