

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007374.D
 Acq On : 11 Dec 2018 00:31
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:42 PM

Quant Time: Dec 11 01:58:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	145649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57719	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	65213	77.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.72%	
35) Dibromofluoromethane	7.88	113	60680	71.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.18%	
50) Toluene-d8	10.32	98	228612	62.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.90%	
62) 4-Bromofluorobenzene	12.62	95	82946	60.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	39842	44.484	ug/l	99
3) Chloromethane	2.21	50	33592	30.699	ug/l	96
4) Vinyl Chloride	2.37	62	40965	56.534	ug/l	96
5) Bromomethane	2.78	94	27624	72.831	ug/l	97
6) Chloroethane	2.93	64	23018	56.349	ug/l	100
7) Trichlorofluoromethane	3.26	101	38698	29.281	ug/l	100
8) Diethyl Ether	3.68	74	29172	70.244	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61135	68.705	ug/l	99
10) Methyl Iodide	4.26	142	101872	115.792	ug/l	98
11) Tert butyl alcohol	5.17	59	21472	231.100	ug/l	98
12) 1,1-Dichloroethene	4.03	96	59466	70.868	ug/l	96
13) Acrolein	3.89	56	13660	250.748	ug/l	99
14) Allyl chloride	4.67	41	88210	66.680	ug/l	99
15) Acrylonitrile	5.37	53	62329	364.515	ug/l	98
16) Acetone	4.12	43	56772	308.985	ug/l	95
17) Carbon Disulfide	4.37	76	181613	67.057	ug/l	98
18) Methyl Acetate	4.67	43	31432	71.294	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	89881	48.744	ug/l	97
20) Methylene Chloride	4.91	84	63425	55.898	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	66224	70.693	ug/l	98
22) Diisopropyl ether	6.31	45	168658	70.480	ug/l	98
23) Vinyl Acetate	6.25	43	493288	376.090	ug/l	98
24) 1,1-Dichloroethane	6.21	63	112965	72.625	ug/l	98
25) 2-Butanone	7.17	43	77142	349.756	ug/l	97
26) 2,2-Dichloropropane	7.17	77	74440	52.709	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	73246	72.531	ug/l	99
28) Bromochloromethane	7.51	49	43226	75.932	ug/l	97
29) Tetrahydrofuran	7.53	42	49214	357.087	ug/l	97
30) Chloroform	7.67	83	123526	75.669	ug/l	99
31) Cyclohexane	7.96	56	97919	61.856	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	108629	72.004	ug/l	99
36) 1,1-Dichloropropene	8.08	75	96025	68.845	ug/l	99
37) Ethyl Acetate	7.25	43	33841	67.036	ug/l	99
38) Carbon Tetrachloride	8.07	117	105160	72.690	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	119531	64.723	ug/l	93
40) Benzene	8.32	78	263942	68.509	ug/l	99
41) Methacrylonitrile	7.48	41	21278	70.645	ug/l	98
42) 1,2-Dichloroethane	8.40	62	81908	74.288	ug/l	99
43) Isopropyl Acetate	8.43	43	70114	70.904	ug/l	99
44) Trichloroethene	9.09	130	75039	69.555	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58626	65.325	ug/l	96
46) Dibromomethane	9.46	93	34552	73.026	ug/l	97
47) Bromodichloromethane	9.65	83	90223	72.425	ug/l	99
48) Methyl methacrylate	9.44	41	35043	68.932	ug/l	95
49) 1,4-Dioxane	9.45	88	11761	1445.580	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	173419	360.421	ug/l	98
52) Toluene	10.39	92	171657	64.661	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	88069	71.285	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	101732	70.414	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44685	66.940	ug/l	92
56) Ethyl methacrylate	10.65	69	59077	69.112	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78514	70.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	135673	377.921	ug/l	100
59) 2-Hexanone	10.97	43	107601	313.984	ug/l	96
60) Dibromochloromethane	11.13	129	58582	71.000	ug/l	97
61) 1,2-Dibromoethane	11.24	107	47571	74.795	ug/l	92
64) Tetrachloroethene	10.86	164	62372	71.941	ug/l	95
65) Chlorobenzene	11.66	112	188014	71.215	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	63450	76.131	ug/l	100
67) Ethyl Benzene	11.73	91	310651	64.691	ug/l	90
68) m/p-Xylenes	11.84	106	237664	126.939	ug/l	93
69) o-Xylene	12.17	106	118479	67.177	ug/l	94
70) Styrene	12.18	104	193077	67.398	ug/l	96
71) Bromoform	12.35	173	32848	78.941	ug/l #	96
73) Isopropylbenzene	12.46	105	324332	70.254	ug/l	100
74) N-amyl acetate	12.27	43	60316	74.149	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	49068	79.262	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	36037m	76.589	ug/l	
77) Bromobenzene	12.75	156	69663	68.732	ug/l	93
78) n-propylbenzene	12.81	91	376128	67.840	ug/l	100
79) 2-Chlorotoluene	12.90	91	209444	66.585	ug/l	93
80) 1,3,5-Trimethylbenzene	12.94	105	271076	68.575	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	15791	77.149	ug/l	95
82) 4-Chlorotoluene	12.99	91	217462	64.970	ug/l	91
83) tert-Butylbenzene	13.21	119	252752	72.428	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	277673	68.643	ug/l	98
85) sec-Butylbenzene	13.39	105	321666	65.392	ug/l	96
86) p-Isopropyltoluene	13.51	119	289077	65.345	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	142045	68.558	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	147931	71.397	ug/l	93
89) n-Butylbenzene	13.83	91	274924	66.889	ug/l	97
90) Hexachloroethane	14.10	117	53195	78.074	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	128352	72.106	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9705	80.990	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	88477	71.709	ug/l	93
94) Hexachlorobutadiene	15.24	225	47485	71.213	ug/l	96
95) Naphthalene	15.38	128	168863	75.212	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	74999	70.996	ug/l	97

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

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