

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007698.D
 Acq On : 19 Dec 2018 13:35
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:30 AM

Quant Time: Dec 20 06:22:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	112361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52542	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3964	5.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.26%	
35) Dibromofluoromethane	7.88	113	3561	5.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.40%	
50) Toluene-d8	10.32	98	13408	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
62) 4-Bromofluorobenzene	12.62	95	5085	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	3395	5.420	ug/l	87
3) Chloromethane	2.21	50	1921	4.994	ug/l	96
4) Vinyl Chloride	2.37	62	2515	5.137	ug/l #	75
5) Bromomethane	2.78	94	1805	5.293	ug/l	81
6) Chloroethane	2.92	64	1210	4.619	ug/l	93
7) Trichlorofluoromethane	3.25	101	2529	4.961	ug/l #	82
8) Diethyl Ether	3.67	74	1575	5.044	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	4006m	5.404	ug/l	
10) Methyl Iodide	4.27	142	6172	5.170	ug/l	99
11) Tert butyl alcohol	5.16	59	1390	26.681	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	3562	5.124	ug/l	97
13) Acrolein	3.89	56	1093	26.240	ug/l	98
14) Allyl chloride	4.67	41	4845	5.315	ug/l	99
15) Acrylonitrile	5.37	53	3200	24.027	ug/l	96
16) Acetone	4.13	43	4091	28.288	ug/l	98
17) Carbon Disulfide	4.38	76	11659	5.420	ug/l	97
18) Methyl Acetate	4.68	43	1639	4.765	ug/l	93
19) Methyl tert-butyl Ether	5.42	73	5186	5.196	ug/l	96
20) Methylene Chloride	4.91	84	6532	7.494	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	4129	5.400	ug/l	89
22) Diisopropyl ether	6.31	45	8525	4.994	ug/l #	89
23) Vinyl Acetate	6.26	43	24592	24.248	ug/l	97
24) 1,1-Dichloroethane	6.21	63	6726	5.356	ug/l #	90
25) 2-Butanone	7.18	43	4474	26.412	ug/l	91
26) 2,2-Dichloropropane	7.17	77	5150	5.604	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	4340	5.328	ug/l	98
28) Bromochloromethane	7.51	49	2248	5.250	ug/l #	99
29) Tetrahydrofuran	7.53	42	2389	23.645	ug/l	98
30) Chloroform	7.68	83	7458	5.248	ug/l	91
31) Cyclohexane	7.95	56	7044	6.127	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	6762	5.224	ug/l	98
36) 1,1-Dichloropropene	8.08	75	5757	5.309	ug/l	100
37) Ethyl Acetate	7.26	43	1928	5.151	ug/l #	96
38) Carbon Tetrachloride	8.07	117	6718	5.260	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	7244	5.376	ug/l	96
40) Benzene	8.32	78	15734	5.437	ug/l	99
41) Methacrylonitrile	7.49	41	894	4.207	ug/l	86
42) 1,2-Dichloroethane	8.40	62	4893	5.045	ug/l	100
43) Isopropyl Acetate	8.43	43	3783	5.045	ug/l	96
44) Trichloroethene	9.09	130	4860	5.553	ug/l	100
45) 1,2-Dichloropropane	9.37	63	3340	5.201	ug/l	95
46) Dibromomethane	9.46	93	2019	5.108	ug/l	95
47) Bromodichloromethane	9.65	83	5304	5.104	ug/l	88
48) Methyl methacrylate	9.44	41	1850	4.943	ug/l	97
49) 1,4-Dioxane	9.45	88	575	91.750	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	8635	24.367	ug/l	98
52) Toluene	10.39	92	10623	5.471	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	5137	4.970	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	5864	5.136	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	2736	5.021	ug/l #	85
56) Ethyl methacrylate	10.65	69	2835	4.403	ug/l	93
57) 1,3-Dichloropropane	10.93	76	4618	5.103	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	7312	24.874	ug/l	99
59) 2-Hexanone	10.97	43	5863	23.526	ug/l	99
60) Dibromochloromethane	11.13	129	3715	5.149	ug/l	98
61) 1,2-Dibromoethane	11.23	107	2797	5.069	ug/l	100
64) Tetrachloroethene	10.86	164	3937	5.429	ug/l	95
65) Chlorobenzene	11.66	112	12124	5.470	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	4284	5.409	ug/l	94
67) Ethyl Benzene	11.73	91	19886	5.229	ug/l	94
68) m/p-Xylenes	11.84	106	15703	10.643	ug/l	97
69) o-Xylene	12.17	106	6987	5.052	ug/l	97
70) Styrene	12.18	104	11416	5.022	ug/l	97
71) Bromoform	12.35	173	1999	4.862	ug/l #	99
73) Isopropylbenzene	12.47	105	20391	5.134	ug/l	100
74) N-amyl acetate	12.27	43	3164	4.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	2985	5.013	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	1876m	2.359	ug/l	
77) Bromobenzene	12.75	156	4717	5.182	ug/l	96
78) n-propylbenzene	12.81	91	23752	5.138	ug/l	99
79) 2-Chlorotoluene	12.90	91	14068	5.223	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	17496	5.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	856	4.425	ug/l	89
82) 4-Chlorotoluene	12.99	91	14854	5.180	ug/l	100
83) tert-Butylbenzene	13.21	119	15384	5.118	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	17551	5.077	ug/l	98
85) sec-Butylbenzene	13.39	105	21605	5.215	ug/l	98
86) p-Isopropyltoluene	13.51	119	19290	5.121	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	9506	5.260	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	9814	5.429	ug/l	95
89) n-Butylbenzene	13.83	91	17733	5.134	ug/l	99
90) Hexachloroethane	14.10	117	3599	5.442	ug/l	93
91) 1,2-Dichlorobenzene	13.88	146	8287	5.122	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	563	4.604	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5710	5.084	ug/l	96
94) Hexachlorobutadiene	15.24	225	3182	5.301	ug/l	97
95) Naphthalene	15.38	128	9350	4.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	4882	5.078	ug/l	98

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

