

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003747.D
 Acq On : 06 Jul 2018 22:48
 Operator : SY/AP
 Sample : VSTDCCC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC005

Manual Integrations
 APPROVED

apatel
 7/9/2018 9:50:28 AM

Quant Time: Jul 07 04:01:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	197057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	165172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	14060	5.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.78%	
35) Dibromofluoromethane	7.88	113	11664	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.32	98	41214	4.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.62	95	14597	4.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	4513	4.77	ug/l	92
3) Chloromethane	2.21	50	10245	6.46	ug/l	92
4) Vinyl Chloride	2.36	62	12855	5.95	ug/l	99
5) Bromomethane	2.78	94	9661	6.72	ug/l	94
6) Chloroethane	2.92	64	7441	5.74	ug/l	95
7) Trichlorofluoromethane	3.24	101	5371	4.86	ug/l	87
8) Diethyl Ether	3.67	74	5065	4.91	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	9349	4.91	ug/l	90
10) Methyl Iodide	4.26	142	12051	4.32	ug/l #	89
11) Tert butyl alcohol	5.22	59	3296	22.47	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	9004	4.76	ug/l	100
13) Acrolein	3.89	56	4353	45.68	ug/l	96
14) Allyl chloride	4.65	41	13583	4.20	ug/l	96
15) Acrylonitrile	5.38	53	10889	21.83	ug/l	96
16) Acetone	4.14	43	11141	20.10	ug/l	93
17) Carbon Disulfide	4.36	76	27973	4.93	ug/l	98
18) Methyl Acetate	4.67	43	5603	4.07	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	17584	4.69	ug/l	99
20) Methylene Chloride	4.90	84	15983	6.23	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	10795	5.18	ug/l	97
22) Diisopropyl ether	6.31	45	33261	4.95	ug/l	92
23) Vinyl Acetate	6.25	43	97980	23.94	ug/l	98
24) 1,1-Dichloroethane	6.21	63	23263	5.83	ug/l	99
25) 2-Butanone	7.18	43	17699	24.36	ug/l	95
26) 2,2-Dichloropropane	7.17	77	13342	5.55	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	12904	5.67	ug/l	97
28) Bromochloromethane	7.51	49	10764	6.17	ug/l	95
29) Tetrahydrofuran	7.54	42	11045	25.08	ug/l	97
30) Chloroform	7.68	83	24095	5.96	ug/l	96
31) Cyclohexane	7.95	56	22257	6.16	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	18381	5.86	ug/l	98
36) 1,1-Dichloropropene	8.08	75	17464	5.29	ug/l	99
37) Ethyl Acetate	7.26	43	8392	5.17	ug/l	97
38) Carbon Tetrachloride	8.07	117	17200	5.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17196	4.55	ug/l	96
40) Benzene	8.32	78	50542	5.43	ug/l	95
41) Methacrylonitrile	7.49	41	4066	4.39	ug/l	95
42) 1,2-Dichloroethane	8.40	62	17594	5.96	ug/l	99
43) Isopropyl Acetate	8.43	43	15438	5.03	ug/l	97
44) Trichloroethene	9.09	130	12520	5.21	ug/l	99
45) 1,2-Dichloropropane	9.37	63	13176	5.44	ug/l	96
46) Dibromomethane	9.46	93	7133	5.64	ug/l	99
47) Bromodichloromethane	9.65	83	17094	5.49	ug/l #	99
48) Methyl methacrylate	9.44	41	7165	4.91	ug/l	98
49) 1,4-Dioxane	9.47	88	1839	93.39	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	36776	22.68	ug/l	98
52) Toluene	10.39	92	29858	5.14	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	15992	4.97	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	17526	4.82	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	9910	5.58	ug/l	96
56) Ethyl methacrylate	10.65	69	9378	4.19	ug/l	97
57) 1,3-Dichloropropane	10.93	76	16194	5.24	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	21871	21.99	ug/l	99
59) 2-Hexanone	10.98	43	24775	21.47	ug/l	95
60) Dibromochloromethane	11.13	129	10948	5.26	ug/l	100
61) 1,2-Dibromoethane	11.24	107	9337	5.47	ug/l	96
64) Tetrachloroethene	10.86	164	11987	5.57	ug/l	92
65) Chlorobenzene	11.66	112	35353	5.33	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	12007	5.18	ug/l	97
67) Ethyl Benzene	11.73	91	54415	4.70	ug/l	99
68) m/p-Xylenes	11.85	106	40942	9.27	ug/l	98
69) o-Xylene	12.17	106	18648	4.56	ug/l	98
70) Styrene	12.19	104	30704	4.47	ug/l	100
71) Bromoform	12.35	173	6251	4.82	ug/l #	98
73) Isopropylbenzene	12.47	105	48716	4.33	ug/l	99
74) N-amyl acetate	12.28	43	13556	4.51	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	11456	5.14	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	9492m	6.35	ug/l	
77) Bromobenzene	12.75	156	14083	5.21	ug/l	95
78) n-propylbenzene	12.81	91	63376	4.55	ug/l	99
79) 2-Chlorotoluene	12.90	91	37935	4.79	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	42551	4.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	2992	4.26	ug/l	91
82) 4-Chlorotoluene	12.99	91	41595	4.93	ug/l	98
83) tert-Butylbenzene	13.21	119	34625	4.31	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	44181	4.50	ug/l	100
85) sec-Butylbenzene	13.39	105	53735	4.50	ug/l	99
86) p-Isopropyltoluene	13.51	119	44381	4.24	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	28593	5.20	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	29776	5.41	ug/l	94
89) n-Butylbenzene	13.83	91	45911	4.45	ug/l	99
90) Hexachloroethane	14.10	117	10343	5.32	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	25517	5.18	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1999	5.13	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	16501	4.76	ug/l	99
94) Hexachlorobutadiene	15.25	225	10160	5.11	ug/l	98
95) Naphthalene	15.38	128	25117	3.97	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	14622	4.72	ug/l	99

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

