

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV121718\
 Data File : VW007548.D
 Acq On : 14 Dec 2018 22:28
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:45:22 PM

Quant Time: Dec 15 03:37:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	85269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63190	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	44102	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.88	113	41084	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	10.32	98	153655	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.62	95	59854	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	27359m	45.915	ug/l
3) Chloromethane	2.21	50	22604	45.295	ug/l
4) Vinyl Chloride	2.37	62	27847	47.550	ug/l
5) Bromomethane	2.78	94	19414	49.339	ug/l
6) Chloroethane	2.93	64	16299	50.559	ug/l
7) Trichlorofluoromethane	3.26	101	26818	50.935	ug/l
8) Diethyl Ether	3.68	74	20072	48.707	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42281	48.668	ug/l
10) Methyl Iodide	4.26	142	70487	48.988	ug/l
11) Tert butyl alcohol	5.16	59	16614	255.720	ug/l
12) 1,1-Dichloroethene	4.03	96	41548	49.671	ug/l
13) Acrolein	3.89	56	12037	279.996	ug/l
14) Allyl chloride	4.67	41	59967	48.636	ug/l
15) Acrylonitrile	5.36	53	44165	254.229	ug/l
16) Acetone	4.12	43	43003	260.251	ug/l
17) Carbon Disulfide	4.37	76	119249	47.018	ug/l
18) Methyl Acetate	4.67	43	21828	48.672	ug/l
19) Methyl tert-butyl Ether	5.42	73	65924	52.244	ug/l
20) Methylene Chloride	4.91	84	44113	48.719	ug/l
21) trans-1,2-Dichloroethene	5.42	96	46430	49.620	ug/l
22) Diisopropyl ether	6.31	45	118757	50.110	ug/l
23) Vinyl Acetate	6.25	43	350397	264.334	ug/l
24) 1,1-Dichloroethane	6.21	63	78469	48.990	ug/l
25) 2-Butanone	7.17	43	56747	263.062	ug/l
26) 2,2-Dichloropropane	7.16	77	54850	51.742	ug/l
27) cis-1,2-Dichloroethene	7.16	96	51240	50.011	ug/l
28) Bromochloromethane	7.51	49	28837	47.863	ug/l
29) Tetrahydrofuran	7.52	42	35064	256.760	ug/l
30) Chloroform	7.68	83	87158	50.002	ug/l
31) Cyclohexane	7.95	56	64890	44.155	ug/l
32) 1,1,1-Trichloroethane	7.87	97	75651	49.491	ug/l
36) 1,1-Dichloropropene	8.08	75	63952	50.324	ug/l
37) Ethyl Acetate	7.25	43	25098	53.099	ug/l
38) Carbon Tetrachloride	8.07	117	70941	51.304	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	79273	51.515	ug/l	96
40) Benzene	8.32	78	178163	50.518	ug/l	100
41) Methacrylonitrile	7.48	41	15014	55.781	ug/l	99
42) 1,2-Dichloroethane	8.40	62	57646	52.034	ug/l	100
43) Isopropyl Acetate	8.43	43	49594	53.118	ug/l	99
44) Trichloroethene	9.09	130	52118	51.751	ug/l	98
45) 1,2-Dichloropropane	9.37	63	42153	51.650	ug/l	100
46) Dibromomethane	9.46	93	24205	52.226	ug/l	99
47) Bromodichloromethane	9.64	83	63825	52.501	ug/l	96
48) Methyl methacrylate	9.43	41	24690	51.491	ug/l	96
49) 1,4-Dioxane	9.44	88	8242	1096.000	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	123023	278.869	ug/l	99
52) Toluene	10.39	92	121238	53.121	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	63954	54.188	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	71403	52.335	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	34565	54.797	ug/l	98
56) Ethyl methacrylate	10.65	69	43187	56.962	ug/l	99
57) 1,3-Dichloropropane	10.93	76	57834	55.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97884	279.965	ug/l	99
59) 2-Hexanone	10.97	43	86464	293.936	ug/l	99
60) Dibromochloromethane	11.13	129	44674	56.120	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34774	55.785	ug/l	95
64) Tetrachloroethene	10.86	164	43338	46.608	ug/l	93
65) Chlorobenzene	11.66	112	136435	50.625	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	48026	50.597	ug/l	98
67) Ethyl Benzene	11.73	91	240233	51.847	ug/l	91
68) m/p-Xylenes	11.84	106	184400	102.370	ug/l	99
69) o-Xylene	12.17	106	88985	52.895	ug/l	98
70) Styrene	12.18	104	145582	53.577	ug/l	98
71) Bromoform	12.35	173	24819	51.085	ug/l #	99
73) Isopropylbenzene	12.47	105	244581	50.514	ug/l	99
74) N-amyl acetate	12.27	43	47171	53.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	37579	52.402	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	29375m	56.380	ug/l	
77) Bromobenzene	12.75	156	54830	51.088	ug/l	94
78) n-propylbenzene	12.81	91	286178	52.519	ug/l	99
79) 2-Chlorotoluene	12.90	91	166524	50.506	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	209804	51.570	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12207	51.755	ug/l	93
82) 4-Chlorotoluene	12.99	91	174141	50.105	ug/l	97
83) tert-Butylbenzene	13.21	119	186116	51.918	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	212782	50.825	ug/l	97
85) sec-Butylbenzene	13.39	105	253506	51.803	ug/l	96
86) p-Isopropyltoluene	13.51	119	227504	51.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109441	51.144	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108492	50.432	ug/l	97
89) n-Butylbenzene	13.83	91	211540	51.904	ug/l	99
90) Hexachloroethane	14.10	117	39645	50.681	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	98667	51.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7593	52.761	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66079	50.099	ug/l	96
94) Hexachlorobutadiene	15.24	225	33983	48.559	ug/l	97
95) Naphthalene	15.37	128	132999	52.710	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	57318	50.026	ug/l	96

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

