

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004807.D
 Acq On : 20 Aug 2018 23:28
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:32:49 AM

Quant Time: Aug 21 01:59:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	648356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	975566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	907730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	479424	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	317211	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.88	113	323488	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.33	98	1278443	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.62	95	466115	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	199934	46.55	ug/l	99
3) Chloromethane	2.22	50	266711	47.50	ug/l	100
4) Vinyl Chloride	2.37	62	444403	53.77	ug/l	100
5) Bromomethane	2.78	94	275835	54.04	ug/l	99
6) Chloroethane	2.93	64	273964	54.93	ug/l	96
7) Trichlorofluoromethane	3.26	101	230735	59.26	ug/l	97
8) Diethyl Ether	3.68	74	194595	55.27	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	358676	53.49	ug/l	100
10) Methyl Iodide	4.27	142	563231	55.31	ug/l	99
11) Tert butyl alcohol	5.22	59	103522	295.61	ug/l	100
12) 1,1-Dichloroethene	4.04	96	346799	51.90	ug/l	99
13) Acrolein	3.90	56	163001	346.85	ug/l	98
14) Allyl chloride	4.67	41	555352	54.77	ug/l	99
15) Acrylonitrile	5.38	53	411331	278.60	ug/l	99
16) Acetone	4.14	43	416223	260.12	ug/l	100
17) Carbon Disulfide	4.38	76	1164191	53.02	ug/l	100
18) Methyl Acetate	4.68	43	198605	57.92	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	504970	58.22	ug/l	97
20) Methylene Chloride	4.91	84	424733	58.90	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	383431	53.94	ug/l	99
22) Diisopropyl ether	6.31	45	1145260	58.76	ug/l	99
23) Vinyl Acetate	6.26	43	3176215	288.13	ug/l	99
24) 1,1-Dichloroethane	6.21	63	687501	54.28	ug/l	99
25) 2-Butanone	7.18	43	633754	277.97	ug/l	100
26) 2,2-Dichloropropane	7.17	77	380042	51.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	420640	54.96	ug/l	99
28) Bromochloromethane	7.51	49	292398	54.83	ug/l	98
29) Tetrahydrofuran	7.54	42	335468	288.56	ug/l	99
30) Chloroform	7.68	83	673952	54.11	ug/l	99
31) Cyclohexane	7.96	56	638021	52.08	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	538268	54.52	ug/l	99
36) 1,1-Dichloropropene	8.09	75	535946	53.33	ug/l	100
37) Ethyl Acetate	7.26	43	225796	56.36	ug/l	98
38) Carbon Tetrachloride	8.07	117	494479	53.45	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	697435	55.49	ug/l	97
40) Benzene	8.33	78	1579176	54.07	ug/l	99
41) Methacrylonitrile	7.49	41	126293	55.55	ug/l	94
42) 1,2-Dichloroethane	8.40	62	406436	54.27	ug/l	100
43) Isopropyl Acetate	8.43	43	410500	57.04	ug/l	99
44) Trichloroethene	9.10	130	393296	53.05	ug/l	99
45) 1,2-Dichloropropane	9.37	63	390576	54.67	ug/l	99
46) Dibromomethane	9.46	93	191630	54.14	ug/l	99
47) Bromodichloromethane	9.65	83	462859	54.76	ug/l	100
48) Methyl methacrylate	9.44	41	196073	58.07	ug/l	99
49) 1,4-Dioxane	9.48	88	64389	1245.18	ug/l #	85
51) 4-Methyl-2-Pentanone	10.21	43	1423946	292.78	ug/l	100
52) Toluene	10.39	92	966461	55.17	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	472621	55.50	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	563413	55.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	278210	55.30	ug/l	99
56) Ethyl methacrylate	10.65	69	354468	53.70	ug/l	99
57) 1,3-Dichloropropane	10.93	76	482315	55.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	795761	286.40	ug/l	100
59) 2-Hexanone	10.98	43	970133	294.40	ug/l	99
60) Dibromochloromethane	11.13	129	314557	55.73	ug/l	99
61) 1,2-Dibromoethane	11.24	107	266855	55.49	ug/l	99
64) Tetrachloroethene	10.87	164	347312	55.99	ug/l	99
65) Chlorobenzene	11.66	112	1060461	54.28	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	364816	55.30	ug/l	99
67) Ethyl Benzene	11.74	91	1864980	56.31	ug/l	100
68) m/p-Xylenes	11.85	106	1458099	113.15	ug/l	100
69) o-Xylene	12.17	106	686569	57.55	ug/l	98
70) Styrene	12.19	104	1159085	57.84	ug/l	100
71) Bromoform	12.35	173	193773	55.65	ug/l	100
73) Isopropylbenzene	12.47	105	1887480	57.87	ug/l	99
74) N-amyl acetate	12.28	43	405679	52.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	340218	56.31	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	218397m	51.68	ug/l	
77) Bromobenzene	12.75	156	439657	55.69	ug/l	99
78) n-propylbenzene	12.81	91	2288613	57.50	ug/l	100
79) 2-Chlorotoluene	12.90	91	1304727	56.87	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1608068	58.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	101324	55.72	ug/l	98
82) 4-Chlorotoluene	12.99	91	1365219	56.01	ug/l	100
83) tert-Butylbenzene	13.21	119	1378899	58.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1645815	57.73	ug/l	100
85) sec-Butylbenzene	13.39	105	2020858	57.11	ug/l	100
86) p-Isopropyltoluene	13.51	119	1778830	57.78	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	887886	55.29	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	874920	54.51	ug/l	100
89) n-Butylbenzene	13.83	91	1692992	56.87	ug/l	100
90) Hexachloroethane	14.10	117	309918	55.22	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	803685	55.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	53180	56.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	578400	56.70	ug/l	100
94) Hexachlorobutadiene	15.24	225	348293	55.62	ug/l	99
95) Naphthalene	15.38	128	1058128	53.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	515709	57.01	ug/l	99

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

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