

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004805.D
 Acq On : 20 Aug 2018 21:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:32:38 AM

Quant Time: Aug 21 01:54:13 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	670668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1030756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	961155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	501644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	323273	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.88	113	331325	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.33	98	1293443	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	469171	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	203824	45.88	ug/l	96
3) Chloromethane	2.22	50	259534	44.68	ug/l	100
4) Vinyl Chloride	2.37	62	444963	52.04	ug/l	99
5) Bromomethane	2.78	94	276274	52.32	ug/l	100
6) Chloroethane	2.93	64	274731	53.26	ug/l	99
7) Trichlorofluoromethane	3.26	101	232719	57.78	ug/l	96
8) Diethyl Ether	3.68	74	193240	53.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	363625	52.43	ug/l	100
10) Methyl Iodide	4.26	142	570499	54.16	ug/l	99
11) Tert butyl alcohol	5.22	59	93413	257.87	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	359121	51.96	ug/l	98
13) Acrolein	3.90	56	118613	244.00	ug/l	98
14) Allyl chloride	4.67	41	568676	54.22	ug/l	100
15) Acrylonitrile	5.38	53	411665	269.55	ug/l	100
16) Acetone	4.14	43	405732	245.12	ug/l	99
17) Carbon Disulfide	4.38	76	1187237	52.27	ug/l	99
18) Methyl Acetate	4.68	43	195646	55.16	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	512766	57.15	ug/l	98
20) Methylene Chloride	4.91	84	413362	55.14	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	391977	53.30	ug/l	98
22) Diisopropyl ether	6.31	45	1159438	57.51	ug/l	99
23) Vinyl Acetate	6.26	43	3225576	282.87	ug/l	99
24) 1,1-Dichloroethane	6.21	63	703405	53.69	ug/l	99
25) 2-Butanone	7.18	43	614696	260.65	ug/l	99
26) 2,2-Dichloropropane	7.17	77	391869	51.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	429769	54.29	ug/l	100
28) Bromochloromethane	7.51	49	285789	51.80	ug/l	99
29) Tetrahydrofuran	7.54	42	329700	274.16	ug/l	99
30) Chloroform	7.68	83	683442	53.04	ug/l	99
31) Cyclohexane	7.96	56	654685	51.67	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	548810	53.74	ug/l	99
36) 1,1-Dichloropropene	8.09	75	548350	51.64	ug/l	100
37) Ethyl Acetate	7.26	43	221498	52.33	ug/l	98
38) Carbon Tetrachloride	8.07	117	500970	51.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	713456	53.73	ug/l	99
40) Benzene	8.33	78	1603351	51.96	ug/l	99
41) Methacrylonitrile	7.49	41	144427	60.12	ug/l	96
42) 1,2-Dichloroethane	8.40	62	414706	52.41	ug/l	100
43) Isopropyl Acetate	8.43	43	414111	54.47	ug/l	99
44) Trichloroethene	9.10	130	403864	51.56	ug/l	96
45) 1,2-Dichloropropane	9.37	63	395203	52.35	ug/l	98
46) Dibromomethane	9.46	93	193035	51.62	ug/l	99
47) Bromodichloromethane	9.65	83	471146	52.75	ug/l	100
48) Methyl methacrylate	9.44	41	196831	55.17	ug/l	99
49) 1,4-Dioxane	9.47	88	62281	1139.92	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	1404853	273.39	ug/l	100
52) Toluene	10.39	92	983906	53.16	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	484095	53.80	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	574591	53.56	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	278775	52.44	ug/l	99
56) Ethyl methacrylate	10.65	69	357106	51.34	ug/l	100
57) 1,3-Dichloropropane	10.94	76	486643	53.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	854084	290.93	ug/l	99
59) 2-Hexanone	10.98	43	943303	270.93	ug/l	99
60) Dibromochloromethane	11.13	129	317712	53.27	ug/l	100
61) 1,2-Dibromoethane	11.24	107	268005	52.74	ug/l	100
64) Tetrachloroethene	10.87	164	344182	52.40	ug/l	98
65) Chlorobenzene	11.66	112	1079260	52.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	366338	52.45	ug/l	99
67) Ethyl Benzene	11.74	91	1901550	54.22	ug/l	100
68) m/p-Xylenes	11.85	106	1475665	108.15	ug/l	100
69) o-Xylene	12.17	106	697658	55.23	ug/l	99
70) Styrene	12.19	104	1170275	55.16	ug/l	100
71) Bromoform	12.35	173	195110	52.92	ug/l	98
73) Isopropylbenzene	12.47	105	1911770	56.02	ug/l	100
74) N-amyl acetate	12.28	43	397111	49.71	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	338794	53.59	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	221750m	50.15	ug/l	
77) Bromobenzene	12.75	156	444556	53.82	ug/l	100
78) n-propylbenzene	12.81	91	2322390	55.77	ug/l	100
79) 2-Chlorotoluene	12.90	91	1327402	55.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1623149	55.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	102233	53.73	ug/l	99
82) 4-Chlorotoluene	12.99	91	1389189	54.47	ug/l	100
83) tert-Butylbenzene	13.21	119	1394133	56.22	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1666321	55.86	ug/l	100
85) sec-Butylbenzene	13.39	105	2059149	55.62	ug/l	100
86) p-Isopropyltoluene	13.51	119	1805183	56.03	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	900539	53.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	880534	52.43	ug/l	99
89) n-Butylbenzene	13.83	91	1704616	54.73	ug/l	100
90) Hexachloroethane	14.10	117	316747	53.94	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	802889	53.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52850	53.49	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	573654	53.74	ug/l	99
94) Hexachlorobutadiene	15.24	225	343032	52.36	ug/l	99
95) Naphthalene	15.38	128	1045365	50.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	511309	54.02	ug/l	99

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

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