

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005265.D
 Acq On : 11 Sep 2018 10:23
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 9/12/2018 10:29:08 AM

Quant Time: Sep 11 12:55:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	486456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	667940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	651010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	359073	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	174324	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.89	113	182468	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.33	98	928450	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.63	95	333791	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	184043	43.86	ug/l	100
3) Chloromethane	2.22	50	249186	44.42	ug/l	99
4) Vinyl Chloride	2.36	62	233965	45.43	ug/l	97
5) Bromomethane	2.76	94	167506	53.85	ug/l	98
6) Chloroethane	2.92	64	132705	46.78	ug/l	98
7) Trichlorofluoromethane	3.26	101	267152	45.85	ug/l	100
8) Diethyl Ether	3.69	74	89888	43.29	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	186603	44.84	ug/l	98
10) Methyl Iodide	4.27	142	200719	39.55	ug/l	99
11) Tert butyl alcohol	5.17	59	64491	216.74	ug/l	100
12) 1,1-Dichloroethene	4.04	96	176487	46.06	ug/l	98
13) Acrolein	3.90	56	75075	261.20	ug/l	96
14) Allyl chloride	4.68	41	262834	44.64	ug/l	99
15) Acrylonitrile	5.37	53	203934	217.70	ug/l	98
16) Acetone	4.13	43	153185	227.46	ug/l	97
17) Carbon Disulfide	4.38	76	610108	45.36	ug/l	100
18) Methyl Acetate	4.67	43	86905	43.23	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	408743	44.79	ug/l	98
20) Methylene Chloride	4.92	84	228615	45.37	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	205860	46.01	ug/l	96
22) Diisopropyl ether	6.32	45	551848	46.56	ug/l	97
23) Vinyl Acetate	6.26	43	1495002	226.31	ug/l	99
24) 1,1-Dichloroethane	6.23	63	330287	45.27	ug/l	99
25) 2-Butanone	7.18	43	243307	229.04	ug/l	96
26) 2,2-Dichloropropane	7.18	77	304401	48.12	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	220910	46.14	ug/l	99
28) Bromochloromethane	7.52	49	127582	47.40	ug/l #	98
29) Tetrahydrofuran	7.54	42	153869	214.94	ug/l	98
30) Chloroform	7.68	83	335966	45.88	ug/l	100
31) Cyclohexane	7.96	56	358235	46.14	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	311310	47.06	ug/l	99
36) 1,1-Dichloropropene	8.09	75	299990	49.02	ug/l	99
37) Ethyl Acetate	7.26	43	102256	43.93	ug/l	99
38) Carbon Tetrachloride	8.07	117	281526	49.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	396114	48.75	ug/l	98
40) Benzene	8.33	78	893979	49.59	ug/l	99
41) Methacrylonitrile	7.49	41	57884	48.47	ug/l	95
42) 1,2-Dichloroethane	8.41	62	199104	46.16	ug/l	99
43) Isopropyl Acetate	8.43	43	196571	45.48	ug/l	97
44) Trichloroethene	9.10	130	242670	49.06	ug/l	98
45) 1,2-Dichloropropane	9.38	63	208292	48.07	ug/l	98
46) Dibromomethane	9.46	93	97824	46.12	ug/l	99
47) Bromodichloromethane	9.65	83	244306	47.08	ug/l	98
48) Methyl methacrylate	9.44	41	106438	47.43	ug/l	99
49) 1,4-Dioxane	9.45	88	40630	1025.94	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	548715	225.59	ug/l	100
52) Toluene	10.40	92	635200	48.48	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	266796	47.58	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	301142	44.84	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	155004	45.83	ug/l	98
56) Ethyl methacrylate	10.65	69	200492	46.76	ug/l	98
57) 1,3-Dichloropropane	10.94	76	258958	46.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	454295	243.77	ug/l	98
59) 2-Hexanone	10.98	43	417786	238.25	ug/l	100
60) Dibromochloromethane	11.13	129	178496	47.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	143123	46.15	ug/l	99
64) Tetrachloroethene	10.87	164	239332	49.55	ug/l	98
65) Chlorobenzene	11.66	112	699900	49.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	206902	48.59	ug/l	99
67) Ethyl Benzene	11.74	91	1243761	50.08	ug/l	99
68) m/p-Xylenes	11.85	106	1008434	100.76	ug/l	98
69) o-Xylene	12.18	106	462111	49.63	ug/l	99
70) Styrene	12.19	104	769470	50.64	ug/l	100
71) Bromoform	12.35	173	110153	47.71	ug/l #	98
73) Isopropylbenzene	12.47	105	1272728	50.17	ug/l	100
74) N-amyl acetate	12.28	43	218738	45.32	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	174830	45.85	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	124843m	45.20	ug/l	
77) Bromobenzene	12.76	156	293693	49.14	ug/l	98
78) n-propylbenzene	12.81	91	1542665	50.63	ug/l	99
79) 2-Chlorotoluene	12.90	91	861080	49.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1089404	50.43	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	54771	46.51	ug/l	97
82) 4-Chlorotoluene	13.00	91	904329	49.24	ug/l	99
83) tert-Butylbenzene	13.21	119	962289	50.93	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1094250	50.41	ug/l	99
85) sec-Butylbenzene	13.40	105	1382540	50.91	ug/l	99
86) p-Isopropyltoluene	13.51	119	1240383	51.60	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	613097	48.85	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	601847	48.82	ug/l	99
89) n-Butylbenzene	13.83	91	1149105	50.85	ug/l	98
90) Hexachloroethane	14.10	117	192162	49.90	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	538670	48.83	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28640	45.17	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	370884	47.53	ug/l	99
94) Hexachlorobutadiene	15.25	225	246423	49.32	ug/l	99
95) Naphthalene	15.38	128	592275	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	316568	47.15	ug/l	99

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

