

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003578.D
 Acq On : 26 Jun 2018 18:56
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:46:48 AM

Quant Time: Jun 27 07:54:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	318073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	121931	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.88	113	109967	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	
50) Toluene-d8	10.33	98	435927	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
62) 4-Bromofluorobenzene	12.63	95	156010	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38125	59.97	ug/l	89
3) Chloromethane	2.21	50	72666	45.24	ug/l	95
4) Vinyl Chloride	2.36	62	105924	45.23	ug/l	100
5) Bromomethane	2.78	94	69050	44.36	ug/l	99
6) Chloroethane	2.92	64	70253	43.10	ug/l	95
7) Trichlorofluoromethane	3.25	101	67442	48.07	ug/l	100
8) Diethyl Ether	3.68	74	48414	46.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95862	49.21	ug/l	100
10) Methyl Iodide	4.26	142	139841	47.47	ug/l	99
11) Tert butyl alcohol	5.23	59	26100	213.65	ug/l	97
12) 1,1-Dichloroethene	4.03	96	90113	47.34	ug/l	98
13) Acrolein	3.89	56	38656	221.32	ug/l	95
14) Allyl chloride	4.66	41	157472	47.75	ug/l	99
15) Acrylonitrile	5.38	53	102517	241.78	ug/l	99
16) Acetone	4.14	43	101355	212.16	ug/l	100
17) Carbon Disulfide	4.37	76	262993	46.73	ug/l	99
18) Methyl Acetate	4.67	43	57353	50.61	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	173983	48.80	ug/l	100
20) Methylene Chloride	4.91	84	107380	53.14	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	98330	47.46	ug/l	98
22) Diisopropyl ether	6.31	45	334761	50.44	ug/l	98
23) Vinyl Acetate	6.26	43	932323	243.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	195310	49.57	ug/l	97
25) 2-Butanone	7.18	43	139453	234.75	ug/l	98
26) 2,2-Dichloropropane	7.17	77	118762	45.17	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	111666	49.06	ug/l	99
28) Bromochloromethane	7.51	49	94317	57.53	ug/l	97
29) Tetrahydrofuran	7.54	42	87814	241.87	ug/l	98
30) Chloroform	7.68	83	201857	50.29	ug/l	100
31) Cyclohexane	7.95	56	167424	45.49	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	163199	49.26	ug/l	100
36) 1,1-Dichloropropene	8.09	75	155760	50.71	ug/l	99
37) Ethyl Acetate	7.26	43	63497	49.90	ug/l	98
38) Carbon Tetrachloride	8.07	117	154811	51.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178802	50.31	ug/l	98
40) Benzene	8.32	78	434728	51.34	ug/l	100
41) Methacrylonitrile	7.49	41	35469	45.42	ug/l	92
42) 1,2-Dichloroethane	8.40	62	137390	51.79	ug/l	98
43) Isopropyl Acetate	8.43	43	123001	48.68	ug/l	98
44) Trichloroethene	9.09	130	112330	50.07	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112327	52.10	ug/l	98
46) Dibromomethane	9.46	93	55681	50.45	ug/l	98
47) Bromodichloromethane	9.65	83	146757	51.87	ug/l	99
48) Methyl methacrylate	9.44	41	60207	50.70	ug/l	96
49) 1,4-Dioxane	9.48	88	16036	962.24	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	326991	253.96	ug/l	100
52) Toluene	10.39	92	277499	51.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	145190	50.24	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	166385	50.58	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	79239	50.95	ug/l	97
56) Ethyl methacrylate	10.65	69	94929	50.26	ug/l	97
57) 1,3-Dichloropropane	10.94	76	137724	51.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215853	254.95	ug/l	98
59) 2-Hexanone	10.98	43	229071	254.67	ug/l	100
60) Dibromochloromethane	11.13	129	96436	52.14	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73725	50.11	ug/l	99
64) Tetrachloroethene	10.87	164	97625	48.51	ug/l	98
65) Chlorobenzene	11.66	112	304650	48.62	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	109283	49.63	ug/l	99
67) Ethyl Benzene	11.74	91	551139	49.62	ug/l	100
68) m/p-Xylenes	11.85	106	425840	100.86	ug/l	100
69) o-Xylene	12.17	106	198756	50.79	ug/l	99
70) Styrene	12.19	104	338172	51.92	ug/l	99
71) Bromoform	12.35	173	54682	47.92	ug/l #	99
73) Isopropylbenzene	12.47	105	558844	48.91	ug/l	100
74) N-amyl acetate	12.28	43	123960	47.66	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	94103	48.68	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65327m	46.51	ug/l	
77) Bromobenzene	12.76	156	128686	48.36	ug/l	99
78) n-propylbenzene	12.81	91	699871	50.02	ug/l	99
79) 2-Chlorotoluene	12.90	91	391073	49.46	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	479741	50.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28553	46.78	ug/l	97
82) 4-Chlorotoluene	12.99	91	410603	48.95	ug/l	99
83) tert-Butylbenzene	13.21	119	404012	49.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	496835	50.36	ug/l	99
85) sec-Butylbenzene	13.39	105	607290	49.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	536699	50.08	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	266877	48.82	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	262456	48.29	ug/l	100
89) n-Butylbenzene	13.83	91	523010	50.07	ug/l	99
90) Hexachloroethane	14.10	117	95822	49.43	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	235209	49.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15429	47.43	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	163874	48.75	ug/l	98
94) Hexachlorobutadiene	15.25	225	98301	48.61	ug/l	99
95) Naphthalene	15.38	128	279812	49.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	144308	48.77	ug/l	100

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

