

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005057.D
 Acq On : 01 Sep 2018 01:04
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 9/4/2018 9:37:00 AM

Quant Time: Sep 01 03:22:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	489264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	695146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	694493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	371113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	186081	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	
35) Dibromofluoromethane	7.89	113	192924	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
50) Toluene-d8	10.33	98	949603	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.62	95	332164	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	186809	44.43	ug/l	100
3) Chloromethane	2.22	50	282918	47.02	ug/l	100
4) Vinyl Chloride	2.36	62	278047	46.47	ug/l	100
5) Bromomethane	2.78	94	184089	46.75	ug/l	100
6) Chloroethane	2.92	64	176406	49.33	ug/l	100
7) Trichlorofluoromethane	3.26	101	307035	49.49	ug/l	100
8) Diethyl Ether	3.69	74	107995	58.64	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	211051	54.05	ug/l	100
10) Methyl Iodide	4.28	142	327472	61.20	ug/l	100
11) Tert butyl alcohol	5.19	59	63078	251.94	ug/l	100
12) 1,1-Dichloroethene	4.04	96	195205	53.73	ug/l	100
13) Acrolein	3.90	56	59575	213.88	ug/l	100
14) Allyl chloride	4.68	41	309875	55.14	ug/l	100
15) Acrylonitrile	5.38	53	236899	260.44	ug/l	100
16) Acetone	4.14	43	193479	252.37	ug/l	100
17) Carbon Disulfide	4.39	76	689929	46.43	ug/l	100
18) Methyl Acetate	4.68	43	111534	58.36	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	487128	60.96	ug/l	100
20) Methylene Chloride	4.93	84	283455	44.21	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	235539	58.49	ug/l	100
22) Diisopropyl ether	6.32	45	683047	59.38	ug/l	100
23) Vinyl Acetate	6.26	43	1788291	301.98	ug/l	100
24) 1,1-Dichloroethane	6.23	63	398706	56.92	ug/l	100
25) 2-Butanone	7.18	43	340130	280.69	ug/l	100
26) 2,2-Dichloropropane	7.18	77	324349	53.34	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	260046	59.06	ug/l	100
28) Bromochloromethane	7.52	49	159713	53.00	ug/l	100
29) Tetrahydrofuran	7.54	42	181072	292.86	ug/l	100
30) Chloroform	7.68	83	402401	57.94	ug/l	100
31) Cyclohexane	7.96	56	399706	54.84	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	362744	57.40	ug/l	100
36) 1,1-Dichloropropene	8.09	75	343492	57.38	ug/l	100
37) Ethyl Acetate	7.26	43	125183	57.13	ug/l	100
38) Carbon Tetrachloride	8.07	117	321408	55.22	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	439412	53.77	ug/l	100
40) Benzene	8.33	78	1058526	55.44	ug/l	100
41) Methacrylonitrile	7.49	41	75694	58.65	ug/l	100
42) 1,2-Dichloroethane	8.41	62	244580	56.39	ug/l	100
43) Isopropyl Acetate	8.43	43	231436	53.97	ug/l	100
44) Trichloroethene	9.10	130	281257	57.18	ug/l	100
45) 1,2-Dichloropropane	9.38	63	253594	57.58	ug/l	100
46) Dibromomethane	9.46	93	117980	55.96	ug/l	100
47) Bromodichloromethane	9.65	83	301071	57.72	ug/l	100
48) Methyl methacrylate	9.45	41	115552	51.95	ug/l	100
49) 1,4-Dioxane	9.46	88	44062	1036.40	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	811304	256.09	ug/l	100
52) Toluene	10.40	92	739843	52.39	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	304646	55.76	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	372693	58.09	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	184077	54.06	ug/l	100
56) Ethyl methacrylate	10.65	69	230409	52.44	ug/l	100
57) 1,3-Dichloropropane	10.94	76	305912	54.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	540279	282.64	ug/l	100
59) 2-Hexanone	10.98	43	562611	247.07	ug/l	100
60) Dibromochloromethane	11.13	129	209416	56.12	ug/l	100
61) 1,2-Dibromoethane	11.24	107	168255	53.21	ug/l	100
64) Tetrachloroethene	10.87	164	284490	55.43	ug/l	100
65) Chlorobenzene	11.66	112	814010	52.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	243714	57.16	ug/l	100
67) Ethyl Benzene	11.74	91	1438919	54.56	ug/l	100
68) m/p-Xylenes	11.85	106	1154922	107.75	ug/l	100
69) o-Xylene	12.17	106	529392	54.11	ug/l	100
70) Styrene	12.19	104	892960	54.96	ug/l	100
71) Bromoform	12.35	173	129285	54.86	ug/l	100
73) Isopropylbenzene	12.47	105	1444896	57.38	ug/l	100
74) N-amyl acetate	12.28	43	242401	51.92	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	202705	53.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	136604m	51.44	ug/l	
77) Bromobenzene	12.76	156	341648	55.33	ug/l	100
78) n-propylbenzene	12.81	91	1754453	56.64	ug/l	100
79) 2-Chlorotoluene	12.90	91	991779	55.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1254266	56.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	60539	52.22	ug/l	100
82) 4-Chlorotoluene	12.99	91	1033651	54.35	ug/l	100
83) tert-Butylbenzene	13.21	119	1054242	56.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1280271	56.83	ug/l	100
85) sec-Butylbenzene	13.39	105	1532291	56.13	ug/l	100
86) p-Isopropyltoluene	13.51	119	1376833	56.36	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	696180	53.50	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	683157	53.03	ug/l	100
89) n-Butylbenzene	13.83	91	1275664	55.74	ug/l	100
90) Hexachloroethane	14.10	117	215234	55.82	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	609727	53.26	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32103	49.55	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	423259	53.06	ug/l	100
94) Hexachlorobutadiene	15.24	225	260685	52.28	ug/l	100
95) Naphthalene	15.38	128	678528	52.25	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	361960	51.58	ug/l	100

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

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