

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004701.D
 Acq On : 15 Aug 2018 17:17
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/16/2018 10:01:24 AM

Quant Time: Aug 16 05:05:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	684017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1005100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	949810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	504154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	341620	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	346056	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	1356766	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.62	95	495243	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	189408m	40.35	ug/l	
3) Chloromethane	2.22	50	267226	40.86	ug/l	99
4) Vinyl Chloride	2.37	62	408806	44.75	ug/l	98
5) Bromomethane	2.78	94	250516	47.10	ug/l	98
6) Chloroethane	2.92	64	254267	46.58	ug/l	99
7) Trichlorofluoromethane	3.25	101	191832	56.85	ug/l	95
8) Diethyl Ether	3.67	74	186540	43.70	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	357032	47.91	ug/l	97
10) Methyl Iodide	4.26	142	523139	46.79	ug/l	100
11) Tert butyl alcohol	5.20	59	90164	203.37	ug/l	98
12) 1,1-Dichloroethene	4.03	96	345619	46.08	ug/l	97
13) Acrolein	3.89	56	131558	242.19	ug/l	98
14) Allyl chloride	4.66	41	557038	49.43	ug/l	98
15) Acrylonitrile	5.37	53	410638	216.49	ug/l	99
16) Acetone	4.13	43	456998	241.68	ug/l	100
17) Carbon Disulfide	4.37	76	1096074	45.47	ug/l	99
18) Methyl Acetate	4.67	43	193628	41.06	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	483771	47.28	ug/l	97
20) Methylene Chloride	4.91	84	399179	41.76	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	389697	48.21	ug/l	97
22) Diisopropyl ether	6.31	45	1116038	48.19	ug/l	99
23) Vinyl Acetate	6.26	43	3164048	227.32	ug/l	99
24) 1,1-Dichloroethane	6.21	63	689620	46.52	ug/l	99
25) 2-Butanone	7.18	43	654055	215.03	ug/l	97
26) 2,2-Dichloropropane	7.17	77	391635	50.34	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	419544	48.24	ug/l	99
28) Bromochloromethane	7.51	49	301009	46.67	ug/l	97
29) Tetrahydrofuran	7.54	42	325212	206.81	ug/l	98
30) Chloroform	7.68	83	682417	46.87	ug/l	97
31) Cyclohexane	7.95	56	646623	45.59	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	544836	49.81	ug/l	99
36) 1,1-Dichloropropene	8.08	75	548347	50.67	ug/l	99
37) Ethyl Acetate	7.26	43	214708	42.36	ug/l	99
38) Carbon Tetrachloride	8.07	117	504328	51.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	700185	52.78	ug/l	99
40) Benzene	8.32	78	1590782	50.06	ug/l	99
41) Methacrylonitrile	7.49	41	131841	46.57	ug/l	96
42) 1,2-Dichloroethane	8.40	62	406666	46.25	ug/l	99
43) Isopropyl Acetate	8.43	43	390432	44.19	ug/l	98
44) Trichloroethene	9.09	130	397333	50.88	ug/l	100
45) 1,2-Dichloropropane	9.37	63	392544	49.32	ug/l	99
46) Dibromomethane	9.46	93	193111	47.66	ug/l	99
47) Bromodichloromethane	9.65	83	464277	48.55	ug/l	98
48) Methyl methacrylate	9.44	41	190438	46.12	ug/l	99
49) 1,4-Dioxane	9.47	88	60718	982.31	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1384297	225.10	ug/l	99
52) Toluene	10.39	92	975586	52.06	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	471425	49.09	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	564876	50.48	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	277079	47.71	ug/l	100
56) Ethyl methacrylate	10.65	69	337787	48.58	ug/l	99
57) 1,3-Dichloropropane	10.93	76	479248	47.88	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	872786	236.87	ug/l	100
59) 2-Hexanone	10.98	43	967048	231.93	ug/l	99
60) Dibromochloromethane	11.13	129	310967	49.23	ug/l	100
61) 1,2-Dibromoethane	11.24	107	261799	47.99	ug/l	100
64) Tetrachloroethene	10.87	164	329562	49.74	ug/l	98
65) Chlorobenzene	11.66	112	1060039	50.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	358833	50.35	ug/l	100
67) Ethyl Benzene	11.74	91	1877708	52.92	ug/l	98
68) m/p-Xylenes	11.84	106	1472586	107.38	ug/l	98
69) o-Xylene	12.17	106	682860	53.69	ug/l	100
70) Styrene	12.19	104	1158756	53.93	ug/l	100
71) Bromoform	12.35	173	188932	48.23	ug/l #	100
73) Isopropylbenzene	12.47	105	1899267	54.46	ug/l	100
74) N-amyl acetate	12.28	43	385819	45.63	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	334403	45.94	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	222170m	42.59	ug/l	
77) Bromobenzene	12.75	156	438937	52.03	ug/l	96
78) n-propylbenzene	12.81	91	2319012	53.89	ug/l	100
79) 2-Chlorotoluene	12.90	91	1306904	52.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1614608	54.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	102912	47.22	ug/l	99
82) 4-Chlorotoluene	12.99	91	1379266	52.19	ug/l	99
83) tert-Butylbenzene	13.21	119	1377638	55.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1665757	54.09	ug/l	100
85) sec-Butylbenzene	13.39	105	2044053	54.30	ug/l	100
86) p-Isopropyltoluene	13.51	119	1802410	55.26	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	893317	51.39	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	880682	50.89	ug/l	99
89) n-Butylbenzene	13.83	91	1747635	54.53	ug/l	99
90) Hexachloroethane	14.10	117	313374	51.93	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	798219	50.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52248	43.92	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	567299	51.95	ug/l	100
94) Hexachlorobutadiene	15.25	225	345702	54.37	ug/l	99
95) Naphthalene	15.38	128	1003597	44.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	501346	51.09	ug/l	99

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

