

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008398.D
 Acq On : 24 Jan 2019 15:42
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

sam
 1/25/2019 1:43:52 PM

Quant Time: Jan 25 10:42:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 10:36:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	583942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	922659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	832059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	434057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	289705	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
35) Dibromofluoromethane	7.88	113	275695	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
50) Toluene-d8	10.32	98	1105872	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.62	95	417487	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	173236	47.082	ug/l	99
3) Chloromethane	2.21	50	246727	45.744	ug/l	99
4) Vinyl Chloride	2.37	62	331492	48.101	ug/l	92
5) Bromomethane	2.78	94	203131	38.894	ug/l	92
6) Chloroethane	2.93	64	197842	43.860	ug/l	97
7) Trichlorofluoromethane	3.26	101	259074	51.199	ug/l	97
8) Diethyl Ether	3.68	74	153321	43.695	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	285820	48.517	ug/l	99
10) Methyl Iodide	4.26	142	449490	47.308	ug/l	99
11) Tert butyl alcohol	5.17	59	116584	285.055	ug/l	99
12) 1,1-Dichloroethene	4.04	96	284192	47.431	ug/l	97
13) Acrolein	3.89	56	92032	248.160	ug/l	94
14) Allyl chloride	4.66	41	546269	54.536	ug/l	94
15) Acrylonitrile	5.36	53	337317	250.258	ug/l	99
16) Acetone	4.12	43	330264	234.116	ug/l	95
17) Carbon Disulfide	4.37	76	924158	50.689	ug/l	98
18) Methyl Acetate	4.67	43	185617	49.258	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	472631	51.530	ug/l	95
20) Methylene Chloride	4.91	84	290646	38.799	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	317586	47.193	ug/l	99
22) Diisopropyl ether	6.31	45	1020174	52.167	ug/l	98
23) Vinyl Acetate	6.25	43	3031551	290.003	ug/l	97
24) 1,1-Dichloroethane	6.21	63	578107	48.551	ug/l	100
25) 2-Butanone	7.17	43	479775	265.537	ug/l	97
26) 2,2-Dichloropropane	7.16	77	385188	50.691	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	345505	47.387	ug/l	94
28) Bromochloromethane	7.51	49	238632	48.644	ug/l #	97
29) Tetrahydrofuran	7.53	42	307199	272.728	ug/l	96
30) Chloroform	7.67	83	572839	48.623	ug/l	99
31) Cyclohexane	7.95	56	571756	50.397	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	492920	49.854	ug/l	98
36) 1,1-Dichloropropene	8.08	75	477713	51.463	ug/l	99
37) Ethyl Acetate	7.25	43	213899	55.878	ug/l	96
38) Carbon Tetrachloride	8.07	117	472713	51.571	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	624123	56.524	ug/l	96
40) Benzene	8.32	78	1305974	49.666	ug/l	99
41) Methacrylonitrile	7.48	41	125417	56.281	ug/l	97
42) 1,2-Dichloroethane	8.40	62	373792	50.837	ug/l	99
43) Isopropyl Acetate	8.43	43	440826	60.965	ug/l	94
44) Trichloroethene	9.09	130	350529	48.657	ug/l	96
45) 1,2-Dichloropropane	9.37	63	323836	49.580	ug/l	97
46) Dibromomethane	9.46	93	165520	48.622	ug/l	97
47) Bromodichloromethane	9.65	83	438453	52.215	ug/l	99
48) Methyl methacrylate	9.43	41	209048	61.414	ug/l	95
49) 1,4-Dioxane	9.45	88	56930	1038.841	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	1061198	289.837	ug/l	97
52) Toluene	10.39	92	853519	51.291	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	472751	56.408	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	532969	53.946	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	229374	48.579	ug/l	97
56) Ethyl methacrylate	10.65	69	323103	58.267	ug/l	91
57) 1,3-Dichloropropane	10.93	76	411835	50.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	695243	259.928	ug/l	99
59) 2-Hexanone	10.97	43	758910	295.828	ug/l	96
60) Dibromochloromethane	11.13	129	295828	52.497	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227740	49.810	ug/l	99
64) Tetrachloroethene	10.87	164	299501	51.335	ug/l	96
65) Chlorobenzene	11.66	112	905425	49.888	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	327008	52.351	ug/l	98
67) Ethyl Benzene	11.73	91	1673854	53.117	ug/l	98
68) m/p-Xylenes	11.84	106	1301298	106.389	ug/l	96
69) o-Xylene	12.17	106	611389	53.502	ug/l	96
70) Styrene	12.18	104	1013209	55.199	ug/l	97
71) Bromoform	12.35	173	184082	59.158	ug/l	# 98
73) Isopropylbenzene	12.47	105	1712108	54.135	ug/l	99
74) N-amyl acetate	12.27	43	442186	65.241	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	271098	50.395	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	198200m	50.142	ug/l	
77) Bromobenzene	12.75	156	369593	48.652	ug/l	91
78) n-propylbenzene	12.81	91	2080174	54.341	ug/l	98
79) 2-Chlorotoluene	12.90	91	1163475	53.196	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	1442719	54.666	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	102409	61.828	ug/l	99
82) 4-Chlorotoluene	12.99	91	1242354	54.357	ug/l	95
83) tert-Butylbenzene	13.21	119	1277343	54.990	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1460006	54.305	ug/l	99
85) sec-Butylbenzene	13.39	105	1839198	55.147	ug/l	100
86) p-Isopropyltoluene	13.51	119	1616628	55.499	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	761644	50.461	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	752840	49.785	ug/l	98
89) n-Butylbenzene	13.83	91	1595547	57.104	ug/l	99
90) Hexachloroethane	14.10	117	316763	58.761	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	670577	50.320	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50148	57.011	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	475946	52.759	ug/l	99
94) Hexachlorobutadiene	15.24	225	283309	55.724	ug/l	97
95) Naphthalene	15.37	128	851875	56.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	407279	51.833	ug/l	99

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

