

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016887.D
 Acq On : 12 Oct 2020 17:24
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 12 23:30:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	479354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159181	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	7.88	113	172369	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
50) Toluene-d8	10.32	98	645969	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.62	95	229072	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	92327	51.960	ug/l	99
3) Chloromethane	2.21	50	99247	45.550	ug/l	98
4) Vinyl Chloride	2.37	62	158357	50.259	ug/l	97
5) Bromomethane	2.78	94	116192	48.016	ug/l	99
6) Chloroethane	2.92	64	101656	50.698	ug/l	100
7) Trichlorofluoromethane	3.26	101	101469	44.233	ug/l	99
8) Diethyl Ether	3.68	74	77537	54.117	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	160742	52.040	ug/l	99
10) Methyl Iodide	4.28	142	255647	51.771	ug/l	99
11) Tert butyl alcohol	5.17	59	45811	316.313	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	158866	52.107	ug/l	93
13) Acrolein	3.90	56	49115	250.847	ug/l	97
14) Allyl chloride	4.67	41	190131	52.097	ug/l	100
15) Acrylonitrile	5.37	53	141842	297.409	ug/l	99
16) Acetone	4.12	43	127708	266.076	ug/l	94
17) Carbon Disulfide	4.39	76	425242	52.423	ug/l	100
18) Methyl Acetate	4.67	43	64774	58.839	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	177657	54.064	ug/l	99
20) Methylene Chloride	4.93	84	176893	56.456	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	178252	52.079	ug/l	98
22) Diisopropyl ether	6.31	45	356751	53.785	ug/l	97
23) Vinyl Acetate	6.26	43	1224403	288.081	ug/l	99
24) 1,1-Dichloroethane	6.22	63	280249	53.283	ug/l	100
25) 2-Butanone	7.17	43	194976	304.710	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163022	50.661	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	194210	52.978	ug/l	99
28) Bromochloromethane	7.51	49	116849	55.509	ug/l	100
29) Tetrahydrofuran	7.53	42	113137	315.663	ug/l	98
30) Chloroform	7.68	83	304274	53.215	ug/l	100
31) Cyclohexane	7.96	56	223836	49.894	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	253773	52.618	ug/l	99
36) 1,1-Dichloropropene	8.09	75	239067	51.725	ug/l	100
37) Ethyl Acetate	7.26	43	87575	57.989	ug/l	99
38) Carbon Tetrachloride	8.07	117	247840	51.569	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	279331	52.993	ug/l	95
40) Benzene	8.32	78	666941	51.784	ug/l	99
41) Methacrylonitrile	7.48	41	53048	59.278	ug/l	95
42) 1,2-Dichloroethane	8.40	62	187459	53.211	ug/l	99
43) Isopropyl Acetate	8.43	43	168138	58.118	ug/l	99
44) Trichloroethene	9.09	130	205997	51.676	ug/l	98
45) 1,2-Dichloropropane	9.37	63	154559	52.624	ug/l	100
46) Dibromomethane	9.46	93	90244	53.720	ug/l	99
47) Bromodichloromethane	9.65	83	224111	53.654	ug/l	99
48) Methyl methacrylate	9.44	41	81202	60.909	ug/l	95
49) 1,4-Dioxane	9.45	88	24103	1247.363	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	431566	294.869	ug/l	100
52) Toluene	10.39	92	440024	51.684	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	213678	56.193	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	254988	54.899	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	131100	54.826	ug/l	98
56) Ethyl methacrylate	10.65	69	153878	59.155	ug/l	99
57) 1,3-Dichloropropane	10.93	76	214450	54.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	388800	269.723	ug/l	100
59) 2-Hexanone	10.97	43	293981	303.584	ug/l	100
60) Dibromochloromethane	11.13	129	161465	55.053	ug/l	99
61) 1,2-Dibromoethane	11.24	107	129752	54.793	ug/l	98
64) Tetrachloroethene	10.86	164	182728	53.504	ug/l	91
65) Chlorobenzene	11.66	112	492048	52.333	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	180170	54.185	ug/l	99
67) Ethyl Benzene	11.73	91	867507	52.949	ug/l	99
68) m/p-Xylenes	11.84	106	669665	105.092	ug/l	99
69) o-Xylene	12.16	106	316554	54.135	ug/l	99
70) Styrene	12.18	104	531923	54.656	ug/l	100
71) Bromoform	12.35	173	97369	58.329	ug/l #	96
73) Isopropylbenzene	12.47	105	863980	52.930	ug/l	99
74) N-amyl acetate	12.27	43	156890	59.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	144756	56.521	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99113m	54.088	ug/l	
77) Bromobenzene	12.75	156	214857	53.249	ug/l	99
78) n-propylbenzene	12.80	91	1009921	53.649	ug/l	99
79) 2-Chlorotoluene	12.89	91	560730	52.217	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	735483	53.765	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41419	60.755	ug/l	99
82) 4-Chlorotoluene	12.99	91	587411	52.989	ug/l	100
83) tert-Butylbenzene	13.21	119	638336	53.728	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	731014	53.630	ug/l	99
85) sec-Butylbenzene	13.38	105	886210	53.587	ug/l	99
86) p-Isopropyltoluene	13.50	119	843608	54.782	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	410230	52.575	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	411382	53.501	ug/l	98
89) n-Butylbenzene	13.82	91	748161	53.930	ug/l	99
90) Hexachloroethane	14.10	117	132967	55.959	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	358641	53.272	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24354	62.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	262296	56.467	ug/l	99
94) Hexachlorobutadiene	15.24	225	168177	55.850	ug/l	95
95) Naphthalene	15.36	128	463048	61.335	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	230795	57.112	ug/l	97

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

