

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081719\
 Data File : VW011951.D
 Acq On : 16 Aug 2019 08:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 10:55:10 AM

Quant Time: Aug 17 05:03:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	375078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138852	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	7.88	113	117192	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
50) Toluene-d8	10.32	98	478586	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.62	95	165480	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	63075	47.489	ug/l	92
3) Chloromethane	2.21	50	109685	47.625	ug/l	99
4) Vinyl Chloride	2.36	62	142507	51.395	ug/l	100
5) Bromomethane	2.77	94	74440	48.502	ug/l	98
6) Chloroethane	2.92	64	81826	51.662	ug/l	99
7) Trichlorofluoromethane	3.26	101	75174	60.663	ug/l	95
8) Diethyl Ether	3.68	74	66360	47.231	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	126103	53.644	ug/l	99
10) Methyl Iodide	4.27	142	171569	51.646	ug/l	100
11) Tert butyl alcohol	5.16	59	38288	184.942	ug/l	97
12) 1,1-Dichloroethene	4.04	96	129179	52.046	ug/l	98
13) Acrolein	3.89	56	30533	155.496	ug/l	96
14) Allyl chloride	4.66	41	281354	53.297	ug/l	99
15) Acrylonitrile	5.36	53	162730	232.017	ug/l	98
16) Acetone	4.12	43	204082	234.442	ug/l	98
17) Carbon Disulfide	4.38	76	386546	49.759	ug/l	100
18) Methyl Acetate	4.67	43	84065	42.987	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	194753	49.447	ug/l	98
20) Methylene Chloride	4.91	84	136167	45.356	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	137975	51.562	ug/l	98
22) Diisopropyl ether	6.31	45	499239	50.160	ug/l	99
23) Vinyl Acetate	6.25	43	1525630	243.948	ug/l	100
24) 1,1-Dichloroethane	6.21	63	274260	51.452	ug/l	100
25) 2-Butanone	7.17	43	255346	224.169	ug/l	99
26) 2,2-Dichloropropane	7.17	77	160322	48.906	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	146187	49.638	ug/l	99
28) Bromochloromethane	7.51	49	120932	51.113	ug/l	99
29) Tetrahydrofuran	7.52	42	143799	220.853	ug/l	99
30) Chloroform	7.67	83	247842	50.398	ug/l	97
31) Cyclohexane	7.95	56	252785	49.404	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	198399	52.975	ug/l	100
36) 1,1-Dichloropropene	8.08	75	209775	53.787	ug/l	99
37) Ethyl Acetate	7.25	43	102492	45.677	ug/l	99
38) Carbon Tetrachloride	8.07	117	184604	55.291	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	233202	54.302	ug/l	99
40) Benzene	8.32	78	567086	51.910	ug/l	99
41) Methacrylonitrile	7.48	41	66199	49.354	ug/l	95
42) 1,2-Dichloroethane	8.40	62	170483	49.844	ug/l	100
43) Isopropyl Acetate	8.42	43	195578	47.394	ug/l	99
44) Trichloroethene	9.09	130	139691	53.202	ug/l	99
45) 1,2-Dichloropropane	9.37	63	150662	51.543	ug/l	98
46) Dibromomethane	9.46	93	66271	49.674	ug/l	99
47) Bromodichloromethane	9.65	83	180261	51.509	ug/l	99
48) Methyl methacrylate	9.43	41	96545	48.704	ug/l	96
49) 1,4-Dioxane	9.45	88	17718	917.211	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	495279	230.743	ug/l	100
52) Toluene	10.39	92	345681	52.398	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	184719	50.529	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	224615	51.676	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92341	48.782	ug/l	98
56) Ethyl methacrylate	10.65	69	134747	48.646	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175182	48.917	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	358978	285.431	ug/l	100
59) 2-Hexanone	10.97	43	371159	244.903	ug/l	99
60) Dibromochloromethane	11.13	129	106858	50.856	ug/l	100
61) 1,2-Dibromoethane	11.24	107	86843	48.479	ug/l	99
64) Tetrachloroethene	10.86	164	112079	53.631	ug/l	99
65) Chlorobenzene	11.66	112	339248	52.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	118660	52.793	ug/l	99
67) Ethyl Benzene	11.73	91	668788	54.419	ug/l	99
68) m/p-Xylenes	11.84	106	486964	108.955	ug/l	99
69) o-Xylene	12.16	106	223756	53.875	ug/l	100
70) Styrene	12.18	104	390309	54.353	ug/l	99
71) Bromoform	12.35	173	59121	51.589	ug/l #	99
73) Isopropylbenzene	12.46	105	632464	55.310	ug/l	99
74) N-amyl acetate	12.27	43	178212	49.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106351	49.445	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	71645m	44.174	ug/l	
77) Bromobenzene	12.75	156	132844	52.560	ug/l	99
78) n-propylbenzene	12.80	91	775352	55.715	ug/l	100
79) 2-Chlorotoluene	12.89	91	429346	53.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529246	55.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36346	51.647	ug/l	99
82) 4-Chlorotoluene	12.99	91	453294	53.888	ug/l	100
83) tert-Butylbenzene	13.21	119	450163	56.160	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	522948	54.158	ug/l	100
85) sec-Butylbenzene	13.38	105	637512	55.739	ug/l	100
86) p-Isopropyltoluene	13.50	119	575612	55.468	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	259755	52.414	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	255846	51.897	ug/l	100
89) n-Butylbenzene	13.82	91	579127	55.922	ug/l	100
90) Hexachloroethane	14.10	117	101668	55.405	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	226182	51.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17408	47.461	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	163342	52.876	ug/l	99
94) Hexachlorobutadiene	15.24	225	107161	55.626	ug/l	99
95) Naphthalene	15.37	128	285210	47.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	141937	52.417	ug/l	99

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

