

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011927.D
 Acq On : 15 Aug 2019 14:32
 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
 8/16/2019 8:27:09 AM

Quant Time: Aug 15 16:41:08 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	220378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149336	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136684	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	111389	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.32	98	452405	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	158033	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67230	54.739	ug/l	100
3) Chloromethane	2.21	50	105676	49.620	ug/l	99
4) Vinyl Chloride	2.36	62	137306	53.551	ug/l	98
5) Bromomethane	2.78	94	69204	48.762	ug/l	99
6) Chloroethane	2.92	64	78777	53.787	ug/l	94
7) Trichlorofluoromethane	3.26	101	73228	63.904	ug/l	99
8) Diethyl Ether	3.68	74	69246	53.297	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122688	56.441	ug/l	99
10) Methyl Iodide	4.27	142	161218	52.482	ug/l	98
11) Tert butyl alcohol	5.18	59	41823	221.945	ug/l	97
12) 1,1-Dichloroethene	4.04	96	125723	54.778	ug/l	96
13) Acrolein	3.89	56	35818	197.263	ug/l	97
14) Allyl chloride	4.67	41	274041	56.138	ug/l	98
15) Acrylonitrile	5.37	53	171524	264.467	ug/l	100
16) Acetone	4.12	43	214279	266.197	ug/l	99
17) Carbon Disulfide	4.38	76	380618	52.985	ug/l	100
18) Methyl Acetate	4.67	43	91606	50.658	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	198004	54.365	ug/l	96
20) Methylene Chloride	4.92	84	137389	49.489	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	135289	54.675	ug/l	99
22) Diisopropyl ether	6.31	45	501345	54.473	ug/l	97
23) Vinyl Acetate	6.25	43	1597523	276.241	ug/l	99
24) 1,1-Dichloroethane	6.21	63	268763	54.526	ug/l	99
25) 2-Butanone	7.17	43	268340	254.757	ug/l	98
26) 2,2-Dichloropropane	7.17	77	154472	50.958	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	144593	53.094	ug/l	100
28) Bromochloromethane	7.51	49	116862	53.414	ug/l #	99
29) Tetrahydrofuran	7.52	42	156824	260.468	ug/l	99
30) Chloroform	7.67	83	248331	54.609	ug/l	97
31) Cyclohexane	7.95	56	252675	53.403	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	197267	56.961	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206601	56.878	ug/l	99
37) Ethyl Acetate	7.25	43	112000	53.594	ug/l	98
38) Carbon Tetrachloride	8.07	117	183242	58.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228990	57.252	ug/l	98
40) Benzene	8.32	78	559847	55.025	ug/l	99
41) Methacrylonitrile	7.48	41	68125	54.534	ug/l	98
42) 1,2-Dichloroethane	8.40	62	176605	55.441	ug/l	100
43) Isopropyl Acetate	8.42	43	211721	55.088	ug/l	99
44) Trichloroethene	9.09	130	135849	55.553	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151236	55.554	ug/l	100
46) Dibromomethane	9.46	93	68268	54.943	ug/l	98
47) Bromodichloromethane	9.64	83	184115	56.489	ug/l	100
48) Methyl methacrylate	9.43	41	101368	54.907	ug/l	97
49) 1,4-Dioxane	9.45	88	19752	1097.880	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	542702	271.475	ug/l	100
52) Toluene	10.38	92	342638	55.765	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	191187	56.154	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	226984	56.070	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	96321	54.636	ug/l	99
56) Ethyl methacrylate	10.65	69	144634	56.065	ug/l	99
57) 1,3-Dichloropropane	10.93	76	182730	54.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	380600	324.932	ug/l	100
59) 2-Hexanone	10.97	43	396266	280.744	ug/l	100
60) Dibromochloromethane	11.13	129	109271	55.838	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91313	54.732	ug/l	99
64) Tetrachloroethene	10.86	164	110444	56.280	ug/l	97
65) Chlorobenzene	11.66	112	337206	55.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121319	57.480	ug/l	99
67) Ethyl Benzene	11.73	91	666889	57.788	ug/l	99
68) m/p-Xylenes	11.84	106	480953	114.598	ug/l	99
69) o-Xylene	12.16	106	221869	56.889	ug/l	98
70) Styrene	12.18	104	392704	58.238	ug/l	99
71) Bromoform	12.35	173	62279	57.873	ug/l	98
73) Isopropylbenzene	12.46	105	628830	56.444	ug/l	100
74) N-amyl acetate	12.27	43	195486	56.046	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114865	54.813	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79574m	50.359	ug/l	
77) Bromobenzene	12.75	156	135487	55.021	ug/l	100
78) n-propylbenzene	12.80	91	774805	57.146	ug/l	100
79) 2-Chlorotoluene	12.89	91	432836	55.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529545	56.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38563	56.244	ug/l	97
82) 4-Chlorotoluene	12.99	91	461052	56.257	ug/l	99
83) tert-Butylbenzene	13.21	119	445546	57.052	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	529006	56.232	ug/l	99
85) sec-Butylbenzene	13.38	105	641233	57.545	ug/l	100
86) p-Isopropyltoluene	13.50	119	574587	56.831	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	264826	54.848	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260607	54.258	ug/l	100
89) n-Butylbenzene	13.82	91	583072	57.790	ug/l	100
90) Hexachloroethane	14.09	117	102810	57.506	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	234315	54.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19220	53.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168894	56.117	ug/l	99
94) Hexachlorobutadiene	15.24	225	107474	57.262	ug/l	99
95) Naphthalene	15.36	128	302907	51.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144463	54.759	ug/l	99

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

