

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031219\
 Data File : VW009152.D
 Acq On : 13 Mar 2019 13:06
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 3:33:15 PM

Quant Time: Mar 13 13:46:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	220574	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	150288	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
35) Dibromofluoromethane	7.88	113	127172	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	10.32	98	553524	57.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.40%	
62) 4-Bromofluorobenzene	12.62	95	219561	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	121915	45.460	ug/l	99
3) Chloromethane	2.21	50	167675	49.216	ug/l	99
4) Vinyl Chloride	2.35	62	178468	51.619	ug/l	96
5) Bromomethane	2.75	94	148598	50.916	ug/l	95
6) Chloroethane	2.91	64	132001	53.629	ug/l	97
7) Trichlorofluoromethane	3.25	101	218891	49.171	ug/l	98
8) Diethyl Ether	3.68	74	71462	52.501	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	133051	47.988	ug/l	99
10) Methyl Iodide	4.27	142	143988	48.012	ug/l	100
11) Tert butyl alcohol	5.17	59	56339	274.607	ug/l	98
12) 1,1-Dichloroethene	4.04	96	118722	49.641	ug/l	96
13) Acrolein	3.89	56	52203	231.231	ug/l	97
14) Allyl chloride	4.67	41	218800	51.865	ug/l	98
15) Acrylonitrile	5.37	53	175652	295.670	ug/l	98
16) Acetone	4.12	43	180533	298.819	ug/l	98
17) Carbon Disulfide	4.37	76	400649	49.790	ug/l	98
18) Methyl Acetate	4.67	43	81736	58.834	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	346524	54.773	ug/l	98
20) Methylene Chloride	4.92	84	152502	54.105	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	139895	50.659	ug/l	97
22) Diisopropyl ether	6.31	45	472061	56.308	ug/l	98
23) Vinyl Acetate	6.25	43	1478840	283.464	ug/l	100
24) 1,1-Dichloroethane	6.22	63	251950	51.813	ug/l	99
25) 2-Butanone	7.16	43	238718	285.906	ug/l	100
26) 2,2-Dichloropropane	7.16	77	224382	50.765	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	152582	51.447	ug/l	97
28) Bromochloromethane	7.51	49	113396	56.064	ug/l	97
29) Tetrahydrofuran	7.52	42	153230	291.219	ug/l	100
30) Chloroform	7.68	83	261911	52.316	ug/l	97
31) Cyclohexane	7.95	56	244103	48.890	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	241235	52.214	ug/l	99
36) 1,1-Dichloropropene	8.08	75	206825	50.991	ug/l	100
37) Ethyl Acetate	7.25	43	105194	55.214	ug/l	99
38) Carbon Tetrachloride	8.07	117	214039	51.097	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260944	54.013	ug/l	98
40) Benzene	8.32	78	578666	53.444	ug/l	98
41) Methacrylonitrile	7.49	41	62214	58.805	ug/l	91
42) 1,2-Dichloroethane	8.40	62	188062	53.800	ug/l	100
43) Isopropyl Acetate	8.42	43	206523	58.202	ug/l	98
44) Trichloroethene	9.09	130	152502	50.253	ug/l	99
45) 1,2-Dichloropropane	9.37	63	143474	52.907	ug/l	100
46) Dibromomethane	9.46	93	77814	52.540	ug/l	98
47) Bromodichloromethane	9.64	83	198402	52.921	ug/l	98
48) Methyl methacrylate	9.43	41	100135	60.606	ug/l	91
49) 1,4-Dioxane	9.44	88	25700	1211.805	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	568044	315.336	ug/l	99
52) Toluene	10.38	92	411081	55.982	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	208548	56.244	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	233030	54.689	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	112667	56.127	ug/l	98
56) Ethyl methacrylate	10.65	69	157152	63.080	ug/l	97
57) 1,3-Dichloropropane	10.93	76	197002	55.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	348761	270.040	ug/l	99
59) 2-Hexanone	10.97	43	421354	332.683	ug/l	98
60) Dibromochloromethane	11.13	129	138804	55.875	ug/l	100
61) 1,2-Dibromoethane	11.23	107	108688	55.231	ug/l	98
64) Tetrachloroethene	10.86	164	146125	52.404	ug/l	96
65) Chlorobenzene	11.66	112	452684	53.787	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	148930	52.997	ug/l	99
67) Ethyl Benzene	11.73	91	834166	54.864	ug/l	98
68) m/p-Xylenes	11.84	106	648997	108.142	ug/l	98
69) o-Xylene	12.16	106	312540	55.971	ug/l	98
70) Styrene	12.18	104	511267	56.590	ug/l	100
71) Bromoform	12.35	173	84485	55.992	ug/l #	98
73) Isopropylbenzene	12.46	105	866595	54.863	ug/l	99
74) N-amyl acetate	12.27	43	240970	64.442	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	140105	56.231	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	100639m	57.748	ug/l	
77) Bromobenzene	12.75	156	194388	53.861	ug/l	98
78) n-propylbenzene	12.80	91	1072721	55.135	ug/l	99
79) 2-Chlorotoluene	12.90	91	605710	55.410	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	747417	54.894	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	46374	59.520	ug/l	99
82) 4-Chlorotoluene	12.99	91	639046	54.842	ug/l	100
83) tert-Butylbenzene	13.21	119	647011	56.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	758360	55.060	ug/l	100
85) sec-Butylbenzene	13.38	105	950267	55.853	ug/l	100
86) p-Isopropyltoluene	13.50	119	834709	54.843	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	410426	54.112	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	404876	54.015	ug/l	99
89) n-Butylbenzene	13.83	91	815867	56.387	ug/l	99
90) Hexachloroethane	14.10	117	144209	54.937	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	370268	55.330	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29293	66.009	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	251638	55.680	ug/l	99
94) Hexachlorobutadiene	15.24	225	159083	56.198	ug/l	98
95) Naphthalene	15.37	128	445777	60.257	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	219151	55.146	ug/l	99

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

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