

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013346.D
 Acq On : 30 Sep 2019 21:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 11:33:06 AM

Quant Time: Oct 01 06:00:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	370935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	191601	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	118697	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
35) Dibromofluoromethane	7.88	113	118114	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.32	98	492161	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.62	95	170329	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	71792	41.858	ug/l	94
3) Chloromethane	2.21	50	95281	43.216	ug/l	99
4) Vinyl Chloride	2.36	62	132264	46.533	ug/l	98
5) Bromomethane	2.77	94	85716	47.586	ug/l	94
6) Chloroethane	2.92	64	79552	47.481	ug/l	93
7) Trichlorofluoromethane	3.25	101	74630	45.534	ug/l	92
8) Diethyl Ether	3.68	74	69603	49.718	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	133373	49.982	ug/l	99
10) Methyl Iodide	4.27	142	205855	49.758	ug/l	99
11) Tert butyl alcohol	5.16	59	52711	303.923	ug/l	99
12) 1,1-Dichloroethene	4.04	96	134144	48.547	ug/l	98
13) Acrolein	3.89	56	24877	178.083	ug/l	98
14) Allyl chloride	4.67	41	210709	47.914	ug/l	100
15) Acrylonitrile	5.36	53	164213	271.763	ug/l	98
16) Acetone	4.12	43	137343	250.971	ug/l	94
17) Carbon Disulfide	4.39	76	384825	48.184	ug/l	98
18) Methyl Acetate	4.67	43	84607	55.000	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	221728	52.357	ug/l	100
20) Methylene Chloride	4.92	84	140142	50.077	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	148082	49.584	ug/l	99
22) Diisopropyl ether	6.31	45	415400	49.674	ug/l	99
23) Vinyl Acetate	6.25	43	1268882	255.768	ug/l	98
24) 1,1-Dichloroethane	6.21	63	245894	48.729	ug/l	97
25) 2-Butanone	7.17	43	217310	264.526	ug/l	98
26) 2,2-Dichloropropane	7.17	77	150196	49.728	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157090	49.842	ug/l	98
28) Bromochloromethane	7.51	49	99753	51.506	ug/l	95
29) Tetrahydrofuran	7.52	42	138062	274.039	ug/l	97
30) Chloroform	7.67	83	239771	48.533	ug/l	100
31) Cyclohexane	7.95	56	242800	46.159	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	198499	49.608	ug/l	99
36) 1,1-Dichloropropene	8.08	75	202193	48.996	ug/l	99
37) Ethyl Acetate	7.24	43	94379	53.812	ug/l	98
38) Carbon Tetrachloride	8.07	117	185668	50.189	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	262074	49.417	ug/l	99
40) Benzene	8.32	78	572133	49.704	ug/l	100
41) Methacrylonitrile	7.48	41	58459	55.847	ug/l	99
42) 1,2-Dichloroethane	8.40	62	151407	48.931	ug/l	98
43) Isopropyl Acetate	8.42	43	179069	53.271	ug/l	99
44) Trichloroethene	9.09	130	163195	50.532	ug/l	96
45) 1,2-Dichloropropane	9.37	63	141509	50.355	ug/l	96
46) Dibromomethane	9.46	93	71960	52.742	ug/l	99
47) Bromodichloromethane	9.64	83	174096	50.147	ug/l	97
48) Methyl methacrylate	9.43	41	84101	53.207	ug/l	98
49) 1,4-Dioxane	9.45	88	26542	1295.992	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	466097	276.588	ug/l	98
52) Toluene	10.38	92	375235	50.865	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	183878	51.553	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219901	50.706	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	106610	52.278	ug/l	98
56) Ethyl methacrylate	10.65	69	145692	54.589	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184456	51.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	328428	265.816	ug/l	98
59) 2-Hexanone	10.97	43	321428	277.239	ug/l	99
60) Dibromochloromethane	11.13	129	126044	54.433	ug/l	99
61) 1,2-Dibromoethane	11.23	107	102402	52.813	ug/l	99
64) Tetrachloroethene	10.86	164	145553	51.717	ug/l	99
65) Chlorobenzene	11.66	112	385681	49.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	136475	51.573	ug/l	99
67) Ethyl Benzene	11.73	91	711406	50.689	ug/l	98
68) m/p-Xylenes	11.84	106	545219	101.947	ug/l	99
69) o-Xylene	12.16	106	253685	51.020	ug/l	98
70) Styrene	12.18	104	441292	51.696	ug/l	99
71) Bromoform	12.35	173	77440	55.393	ug/l #	100
73) Isopropylbenzene	12.46	105	709382	50.120	ug/l	100
74) N-amyl acetate	12.27	43	165155	52.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	125865	53.173	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	78568m	46.433	ug/l	
77) Bromobenzene	12.74	156	168090	50.116	ug/l	98
78) n-propylbenzene	12.80	91	829074	50.042	ug/l	100
79) 2-Chlorotoluene	12.89	91	461198	49.689	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	599482	50.386	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	42053	55.767	ug/l	94
82) 4-Chlorotoluene	12.99	91	483776	49.426	ug/l	99
83) tert-Butylbenzene	13.21	119	530188	50.771	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	591362	49.949	ug/l	99
85) sec-Butylbenzene	13.38	105	729963	50.702	ug/l	100
86) p-Isopropyltoluene	13.50	119	686853	51.436	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	324660	50.295	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	323061	51.030	ug/l	99
89) n-Butylbenzene	13.82	91	615759	50.500	ug/l	99
90) Hexachloroethane	14.09	117	115001	51.265	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	289448	51.831	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20236	55.891	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	213939	53.462	ug/l	99
94) Hexachlorobutadiene	15.24	225	142518	52.057	ug/l	99
95) Naphthalene	15.36	128	381278	58.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	190160	54.995	ug/l	100

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

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