

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012740.D
 Acq On : 08 Sep 2019 00:11
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:03:05 PM

Quant Time: Sep 08 05:51:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335238	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145819	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	130108	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
35) Dibromofluoromethane	7.88	113	101564	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	10.32	98	407058	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	142695	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	47428	41.021	ug/l	99
3) Chloromethane	2.21	50	62263	44.312	ug/l	97
4) Vinyl Chloride	2.35	62	77995	45.271	ug/l	99
5) Bromomethane	2.77	94	46309	49.500	ug/l	100
6) Chloroethane	2.90	64	48410	47.087	ug/l	99
7) Trichlorofluoromethane	3.24	101	50609	42.568	ug/l	91
8) Diethyl Ether	3.68	74	48477	48.514	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82605	44.275	ug/l	98
10) Methyl Iodide	4.27	142	113039	48.128	ug/l	99
11) Tert butyl alcohol	5.21	59	36925	202.529	ug/l	96
12) 1,1-Dichloroethene	4.03	96	78620	44.639	ug/l	96
13) Acrolein	3.89	56	29626	153.126	ug/l	98
14) Allyl chloride	4.66	41	163546	44.889	ug/l	97
15) Acrylonitrile	5.37	53	128836	220.750	ug/l	99
16) Acetone	4.14	43	110699	170.402	ug/l	93
17) Carbon Disulfide	4.38	76	160305	42.880	ug/l	98
18) Methyl Acetate	4.67	43	69908	45.867	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	171872	49.206	ug/l	99
20) Methylene Chloride	4.91	84	95573	47.025	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	87621	48.757	ug/l	92
22) Diisopropyl ether	6.31	45	356398	49.321	ug/l	96
23) Vinyl Acetate	6.25	43	1058628	231.166	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195357	50.210	ug/l	99
25) 2-Butanone	7.17	43	171464	184.825	ug/l	98
26) 2,2-Dichloropropane	7.16	77	105296	42.848	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	107363	51.525	ug/l	97
28) Bromochloromethane	7.51	49	92922	52.012	ug/l	94
29) Tetrahydrofuran	7.53	42	112553	214.548	ug/l	99
30) Chloroform	7.67	83	197300	51.166	ug/l	100
31) Cyclohexane	7.95	56	144156	41.155	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	156706	50.135	ug/l	99
36) 1,1-Dichloropropene	8.08	75	136943	45.974	ug/l	99
37) Ethyl Acetate	7.25	43	79036	41.624	ug/l	98
38) Carbon Tetrachloride	8.07	117	139884	47.641	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	144108	43.076	ug/l	95
40) Benzene	8.32	78	391560	47.379	ug/l	100
41) Methacrylonitrile	7.48	41	49313	39.110	ug/l	94
42) 1,2-Dichloroethane	8.40	62	142857	49.116	ug/l	99
43) Isopropyl Acetate	8.42	43	156934	43.624	ug/l	99
44) Trichloroethene	9.09	130	103131	48.411	ug/l	86
45) 1,2-Dichloropropane	9.37	63	106419	46.428	ug/l	95
46) Dibromomethane	9.46	93	52128	48.026	ug/l	99
47) Bromodichloromethane	9.64	83	146604	49.093	ug/l	98
48) Methyl methacrylate	9.43	41	74370	43.259	ug/l	99
49) 1,4-Dioxane	9.48	88	17447	813.751	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	405434	214.779	ug/l	100
52) Toluene	10.38	92	249195	48.311	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	144216	46.966	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	163250	46.865	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	77440	47.655	ug/l	98
56) Ethyl methacrylate	10.65	69	112338	47.227	ug/l	98
57) 1,3-Dichloropropane	10.93	76	138894	46.202	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	300169	237.701	ug/l	98
59) 2-Hexanone	10.97	43	272898	197.880	ug/l	100
60) Dibromochloromethane	11.13	129	91914	48.094	ug/l	98
61) 1,2-Dibromoethane	11.23	107	70766	47.500	ug/l	99
64) Tetrachloroethene	10.86	164	91438	51.399	ug/l	99
65) Chlorobenzene	11.66	112	268024	48.368	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	101995	49.425	ug/l	99
67) Ethyl Benzene	11.73	91	503890	48.466	ug/l	99
68) m/p-Xylenes	11.84	106	363558	96.876	ug/l	100
69) o-Xylene	12.16	106	173271	48.940	ug/l	99
70) Styrene	12.18	104	308555	49.319	ug/l	100
71) Bromoform	12.35	173	55975	48.822	ug/l #	97
73) Isopropylbenzene	12.46	105	499177	47.729	ug/l	99
74) N-amyl acetate	12.27	43	140914	42.448	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	91198	43.420	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62922m	42.199	ug/l	
77) Bromobenzene	12.75	156	113800	48.027	ug/l	96
78) n-propylbenzene	12.80	91	585642	46.820	ug/l	100
79) 2-Chlorotoluene	12.89	91	341967	47.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	421176	47.791	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	27859	39.518	ug/l	94
82) 4-Chlorotoluene	12.99	91	357115	47.016	ug/l	100
83) tert-Butylbenzene	13.21	119	370124	47.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	422974	47.632	ug/l	99
85) sec-Butylbenzene	13.38	105	503134	46.531	ug/l	100
86) p-Isopropyltoluene	13.49	119	460154	46.590	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	219750	47.184	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	216580	46.734	ug/l	100
89) n-Butylbenzene	13.82	91	431220	44.972	ug/l	99
90) Hexachloroethane	14.09	117	82775	48.007	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	197474	47.109	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	16651	43.319	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	140979	48.305	ug/l	98
94) Hexachlorobutadiene	15.23	225	93879	46.473	ug/l	98
95) Naphthalene	15.36	128	262202	43.493	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	126347	49.045	ug/l	99

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

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