

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012127.D
 Acq On : 23 Aug 2019 11:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:39:06 AM

Quant Time: Aug 26 07:15:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:02:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170983	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	153195	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	7.88	113	122374	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	504168	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	173949	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	86465	55.015	ug/l	100
3) Chloromethane	2.21	50	126144	51.805	ug/l	100
4) Vinyl Chloride	2.36	62	159254	53.436	ug/l	100
5) Bromomethane	2.77	94	82482	54.647	ug/l	100
6) Chloroethane	2.92	64	91085	54.177	ug/l	100
7) Trichlorofluoromethane	3.26	101	80796	53.990	ug/l	100
8) Diethyl Ether	3.68	74	75925	53.451	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	136245	53.561	ug/l	100
10) Methyl Iodide	4.27	142	186751	54.261	ug/l	100
11) Tert butyl alcohol	5.18	59	48268	261.136	ug/l	100
12) 1,1-Dichloroethene	4.04	96	137345	53.645	ug/l	100
13) Acrolein	3.89	56	41181	239.582	ug/l	100
14) Allyl chloride	4.67	41	295708	54.026	ug/l	100
15) Acrylonitrile	5.37	53	184728	262.374	ug/l	100
16) Acetone	4.12	43	227167	292.882	ug/l	100
17) Carbon Disulfide	4.39	76	432026	55.834	ug/l	100
18) Methyl Acetate	4.67	43	98590	51.320	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	221603	53.523	ug/l	100
20) Methylene Chloride	4.92	84	147953	50.458	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	147531	53.736	ug/l	100
22) Diisopropyl ether	6.31	45	541117	53.335	ug/l	100
23) Vinyl Acetate	6.25	43	1723898	276.099	ug/l	100
24) 1,1-Dichloroethane	6.21	63	292388	52.929	ug/l	100
25) 2-Butanone	7.17	43	293014	278.005	ug/l	100
26) 2,2-Dichloropropane	7.17	77	162685	52.031	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157654	53.746	ug/l	100
28) Bromochloromethane	7.51	49	115057	47.788	ug/l	100
29) Tetrahydrofuran	7.53	42	172895	273.417	ug/l	100
30) Chloroform	7.68	83	263646	52.166	ug/l	100
31) Cyclohexane	7.96	56	280792	51.377	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	210314	52.604	ug/l	100
36) 1,1-Dichloropropene	8.08	75	223936	52.934	ug/l	100
37) Ethyl Acetate	7.25	43	122521	52.851	ug/l	100
38) Carbon Tetrachloride	8.07	117	193689	52.898	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257799	54.244	ug/l	100
40) Benzene	8.32	78	609771	52.786	ug/l	100
41) Methacrylonitrile	7.48	41	71996	52.841	ug/l	100
42) 1,2-Dichloroethane	8.40	62	190356	52.579	ug/l	100
43) Isopropyl Acetate	8.42	43	228021	53.101	ug/l	100
44) Trichloroethene	9.09	130	147371	52.479	ug/l	100
45) 1,2-Dichloropropane	9.37	63	163200	52.494	ug/l	100
46) Dibromomethane	9.46	93	72353	52.307	ug/l	100
47) Bromodichloromethane	9.65	83	196204	53.296	ug/l	100
48) Methyl methacrylate	9.44	41	111817	54.711	ug/l	100
49) 1,4-Dioxane	9.45	88	22368	1056.299	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	583704	267.249	ug/l	100
52) Toluene	10.39	92	369437	53.236	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204928	54.648	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	244337	53.963	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	101886	52.060	ug/l	100
56) Ethyl methacrylate	10.65	69	155402	54.558	ug/l	100
57) 1,3-Dichloropropane	10.93	76	195085	52.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	361121	247.029	ug/l	100
59) 2-Hexanone	10.97	43	432509	279.868	ug/l	100
60) Dibromochloromethane	11.13	129	117658	53.975	ug/l	100
61) 1,2-Dibromoethane	11.24	107	97155	53.286	ug/l	100
64) Tetrachloroethene	10.86	164	122777	53.538	ug/l	100
65) Chlorobenzene	11.66	112	365769	52.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129884	53.454	ug/l	100
67) Ethyl Benzene	11.73	91	710661	52.967	ug/l	100
68) m/p-Xylenes	11.84	106	515069	106.574	ug/l	100
69) o-Xylene	12.16	106	240586	53.785	ug/l	100
70) Styrene	12.18	104	420230	54.276	ug/l	100
71) Bromoform	12.35	173	64051	52.908	ug/l	100
73) Isopropylbenzene	12.46	105	677819	52.905	ug/l	100
74) N-amyl acetate	12.27	43	209881	54.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121793	51.853	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85796m	52.076	ug/l	
77) Bromobenzene	12.75	156	143688	51.840	ug/l	100
78) n-propylbenzene	12.80	91	829999	53.066	ug/l	100
79) 2-Chlorotoluene	12.89	91	465058	52.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	568089	53.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41029	54.020	ug/l	100
82) 4-Chlorotoluene	12.99	91	486115	52.282	ug/l	100
83) tert-Butylbenzene	13.21	119	478572	52.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	566688	52.695	ug/l	100
85) sec-Butylbenzene	13.38	105	682599	52.538	ug/l	100
86) p-Isopropyltoluene	13.50	119	617524	53.221	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	277333	51.155	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	276878	51.435	ug/l	100
89) n-Butylbenzene	13.82	91	618627	53.614	ug/l	100
90) Hexachloroethane	14.09	117	108703	53.398	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	248751	52.303	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20081	50.713	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	176330	53.650	ug/l	100
94) Hexachlorobutadiene	15.24	225	111571	51.411	ug/l	100
95) Naphthalene	15.36	128	321487	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154310	53.812	ug/l	100

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

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