

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012955.D
 Acq On : 13 Sep 2019 15:24
 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
 9/16/2019 12:43:41 AM

Quant Time: Sep 13 17:08:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 16:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	175433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136478	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	114434	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.32	98	464583	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
62) 4-Bromofluorobenzene	12.62	95	160463	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	54932	45.283	ug/l	100
3) Chloromethane	2.21	50	70244	45.279	ug/l	100
4) Vinyl Chloride	2.36	62	95833	47.186	ug/l	100
5) Bromomethane	2.77	94	57913	46.694	ug/l	100
6) Chloroethane	2.92	64	60728	48.753	ug/l	100
7) Trichlorofluoromethane	3.25	101	71933	50.649	ug/l	100
8) Diethyl Ether	3.68	74	54843	49.454	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106228	49.316	ug/l	100
10) Methyl Iodide	4.27	142	136016	50.456	ug/l	100
11) Tert butyl alcohol	5.16	59	46268	225.264	ug/l	100
12) 1,1-Dichloroethene	4.03	96	96704	49.375	ug/l	100
13) Acrolein	3.89	56	51286	266.799	ug/l	100
14) Allyl chloride	4.66	41	188246	50.628	ug/l	100
15) Acrylonitrile	5.37	53	143184	252.798	ug/l	100
16) Acetone	4.12	43	155310	249.484	ug/l	100
17) Carbon Disulfide	4.38	76	187240	47.972	ug/l	100
18) Methyl Acetate	4.67	43	70658	47.326	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	198947	51.459	ug/l	100
20) Methylene Chloride	4.91	84	111508	45.270	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	105736	50.406	ug/l	100
22) Diisopropyl ether	6.31	45	396960	51.391	ug/l	100
23) Vinyl Acetate	6.25	43	1217142	263.086	ug/l	100
24) 1,1-Dichloroethane	6.21	63	221567	49.750	ug/l	100
25) 2-Butanone	7.17	43	208592	250.326	ug/l	100
26) 2,2-Dichloropropane	7.16	77	151712	48.041	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	125318	49.900	ug/l	100
28) Bromochloromethane	7.51	49	94600	50.466	ug/l	100
29) Tetrahydrofuran	7.52	42	121307	255.497	ug/l	100
30) Chloroform	7.67	83	225716	49.880	ug/l	100
31) Cyclohexane	7.95	56	174118	45.887	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	186227	49.973	ug/l	100
36) 1,1-Dichloropropene	8.08	75	162180	50.166	ug/l	100
37) Ethyl Acetate	7.25	43	85803	50.003	ug/l	100
38) Carbon Tetrachloride	8.07	117	168227	50.779	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	176778	49.902	ug/l	100
40) Benzene	8.32	78	459149	50.875	ug/l	100
41) Methacrylonitrile	7.48	41	56908	50.360	ug/l	100
42) 1,2-Dichloroethane	8.40	62	153673	50.795	ug/l	100
43) Isopropyl Acetate	8.42	43	169878	51.561	ug/l	100
44) Trichloroethene	9.09	130	123445	49.937	ug/l	100
45) 1,2-Dichloropropane	9.37	63	123597	51.546	ug/l	100
46) Dibromomethane	9.46	93	58995	51.354	ug/l	100
47) Bromodichloromethane	9.64	83	168555	52.308	ug/l	100
48) Methyl methacrylate	9.43	41	79196	51.218	ug/l	100
49) 1,4-Dioxane	9.45	88	20198	1049.284	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	438555	257.827	ug/l	100
52) Toluene	10.38	92	295168	51.469	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	169959	52.444	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	193496	52.183	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	88975	50.841	ug/l	100
56) Ethyl methacrylate	10.65	69	125025	53.075	ug/l	100
57) 1,3-Dichloropropane	10.93	76	160667	51.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	324583	256.867	ug/l	100
59) 2-Hexanone	10.97	43	312264	263.647	ug/l	100
60) Dibromochloromethane	11.13	129	111537	52.716	ug/l	100
61) 1,2-Dibromoethane	11.23	107	82814	51.874	ug/l	100
64) Tetrachloroethene	10.86	164	104313	49.950	ug/l	100
65) Chlorobenzene	11.66	112	313130	50.078	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123213	51.421	ug/l	100
67) Ethyl Benzene	11.73	91	599080	51.877	ug/l	100
68) m/p-Xylenes	11.84	106	439047	104.072	ug/l	100
69) o-Xylene	12.16	106	204686	51.752	ug/l	100
70) Styrene	12.18	104	365902	52.006	ug/l	100
71) Bromoform	12.35	173	66547	52.872	ug/l	# 100
73) Isopropylbenzene	12.46	105	602159	51.785	ug/l	100
74) N-amyl acetate	12.27	43	155209	51.888	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	106156	51.978	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68718m	46.424	ug/l	
77) Bromobenzene	12.74	156	136070	50.794	ug/l	100
78) n-propylbenzene	12.80	91	713112	52.135	ug/l	100
79) 2-Chlorotoluene	12.89	91	404023	51.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	504147	51.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35257	52.048	ug/l	100
82) 4-Chlorotoluene	12.99	91	431190	51.973	ug/l	100
83) tert-Butylbenzene	13.21	119	456626	51.894	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	503781	51.824	ug/l	100
85) sec-Butylbenzene	13.38	105	621650	51.854	ug/l	100
86) p-Isopropyltoluene	13.50	119	571238	51.899	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	267293	50.404	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	266590	51.156	ug/l	100
89) n-Butylbenzene	13.82	91	541809	52.196	ug/l	100
90) Hexachloroethane	14.09	117	100782	51.095	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	234930	50.377	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18373	49.147	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	170847	51.369	ug/l	100
94) Hexachlorobutadiene	15.24	225	116275	49.386	ug/l	100
95) Naphthalene	15.36	128	299336	53.866	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	149290	50.779	ug/l	100

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

