

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016861.D
 Acq On : 09 Oct 2020 15:00
 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

apatel
 10/12/2020 1:58:47 PM

Quant Time: Oct 10 05:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	394188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	569204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	511008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267357	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165550	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
35) Dibromofluoromethane	7.88	113	176795	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.32	98	663534	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	237499	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	93537	43.503	ug/l	100
3) Chloromethane	2.21	50	108837	46.168	ug/l	100
4) Vinyl Chloride	2.37	62	163801	48.049	ug/l	100
5) Bromomethane	2.79	94	126717	48.400	ug/l	100
6) Chloroethane	2.93	64	106900	49.275	ug/l	100
7) Trichlorofluoromethane	3.26	101	127571	51.400	ug/l	100
8) Diethyl Ether	3.68	74	79680	51.400	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	164097	49.103	ug/l	100
10) Methyl Iodide	4.28	142	270604	50.649	ug/l	100
11) Tert butyl alcohol	5.21	59	42211	249.351	ug/l	100
12) 1,1-Dichloroethene	4.04	96	163601	49.595	ug/l	100
13) Acrolein	3.90	56	51234	241.850	ug/l	100
14) Allyl chloride	4.67	41	202656	51.323	ug/l	100
15) Acrylonitrile	5.38	53	139452	270.251	ug/l	100
16) Acetone	4.14	43	136168	262.214	ug/l	100
17) Carbon Disulfide	4.39	76	441325	50.285	ug/l	100
18) Methyl Acetate	4.68	43	62243	52.258	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	186900	52.569	ug/l	100
20) Methylene Chloride	4.92	84	180653	43.900	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	188734	50.965	ug/l	100
22) Diisopropyl ether	6.32	45	370613	51.642	ug/l	100
23) Vinyl Acetate	6.26	43	1247376	271.257	ug/l	100
24) 1,1-Dichloroethane	6.22	63	285759	50.216	ug/l	100
25) 2-Butanone	7.18	43	188293	271.978	ug/l	100
26) 2,2-Dichloropropane	7.17	77	172068	49.422	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	201459	50.793	ug/l	100
28) Bromochloromethane	7.52	49	121120	53.180	ug/l	100
29) Tetrahydrofuran	7.54	42	105153	271.166	ug/l	100
30) Chloroform	7.68	83	313602	50.692	ug/l	100
31) Cyclohexane	7.96	56	228906	47.159	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	262109	50.230	ug/l	100
36) 1,1-Dichloropropene	8.09	75	245611	49.902	ug/l	100
37) Ethyl Acetate	7.26	43	85615	53.253	ug/l	100
38) Carbon Tetrachloride	8.07	117	253973	49.640	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	286042	50.975	ug/l	100
40) Benzene	8.33	78	691395	50.427	ug/l	100
41) Methacrylonitrile	7.49	41	48743	70.659	ug/l	100
42) 1,2-Dichloroethane	8.40	62	191893	51.166	ug/l	100
43) Isopropyl Acetate	8.43	43	165166	53.628	ug/l	100
44) Trichloroethene	9.10	130	210387	49.577	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157110	50.249	ug/l	100
46) Dibromomethane	9.46	93	92012	51.451	ug/l	100
47) Bromodichloromethane	9.65	83	228548	51.398	ug/l	100
48) Methyl methacrylate	9.44	41	77868	54.866	ug/l	100
49) 1,4-Dioxane	9.47	88	22472	1092.430	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	420957	270.178	ug/l	100
52) Toluene	10.39	92	461186	50.885	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	216837	53.565	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	261073	52.801	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	132111	51.899	ug/l	100
56) Ethyl methacrylate	10.65	69	151801	54.818	ug/l	100
57) 1,3-Dichloropropane	10.93	76	220623	52.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	406781	265.083	ug/l	100
59) 2-Hexanone	10.97	43	289020	280.361	ug/l	100
60) Dibromochloromethane	11.13	129	164393	52.653	ug/l	100
61) 1,2-Dibromoethane	11.24	107	131156	52.027	ug/l	100
64) Tetrachloroethene	10.87	164	183926	50.519	ug/l	100
65) Chlorobenzene	11.66	112	507540	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	179574	50.661	ug/l	100
67) Ethyl Benzene	11.73	91	895657	51.280	ug/l	100
68) m/p-Xylenes	11.84	106	696812	102.579	ug/l	100
69) o-Xylene	12.17	106	323743	51.935	ug/l	100
70) Styrene	12.18	104	546662	52.691	ug/l	100
71) Bromoform	12.35	173	94337	53.012	ug/l #	100
73) Isopropylbenzene	12.47	105	896269	50.436	ug/l	100
74) N-amyl acetate	12.27	43	155400	54.443	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	144099	51.682	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	100295m	58.149	ug/l	
77) Bromobenzene	12.75	156	222017	50.542	ug/l	100
78) n-propylbenzene	12.80	91	1032648	50.389	ug/l	100
79) 2-Chlorotoluene	12.90	91	587351	50.241	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	761694	51.146	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41656	56.126	ug/l	100
82) 4-Chlorotoluene	12.99	91	606949	50.292	ug/l	100
83) tert-Butylbenzene	13.21	119	661566	51.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	757063	51.017	ug/l	100
85) sec-Butylbenzene	13.38	105	914097	50.772	ug/l	100
86) p-Isopropyltoluene	13.50	119	844731	50.387	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	418213	49.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	418508	49.995	ug/l	100
89) n-Butylbenzene	13.82	91	784620	51.951	ug/l	100
90) Hexachloroethane	14.10	117	133276	51.521	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	366816	50.049	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23028	53.932	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	266824	52.763	ug/l	100
94) Hexachlorobutadiene	15.24	225	163296	49.813	ug/l	100
95) Naphthalene	15.37	128	454933	55.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	224470	51.023	ug/l	100

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

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