

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101320\
 Data File : VW016881.D
 Acq On : 12 Oct 2020 14:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 12 23:19:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	401911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	567934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	518065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	258039	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	169414	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	
35) Dibromofluoromethane	7.88	113	186630	53.61	ug/l	0.00
Spiked Amount			Recovery	=	107.22%	
50) Toluene-d8	10.32	98	705009	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	246709	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	90843	45.877	ug/l	98
3) Chloromethane	2.21	50	99312	41.318	ug/l	96
4) Vinyl Chloride	2.37	62	161309	46.409	ug/l	99
5) Bromomethane	2.78	94	119383	44.722	ug/l	97
6) Chloroethane	2.92	64	104060	47.044	ug/l	99
7) Trichlorofluoromethane	3.26	101	102229	40.398	ug/l	100
8) Diethyl Ether	3.68	74	77156	48.816	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	158156	46.415	ug/l	100
10) Methyl Iodide	4.28	142	262945	48.270	ug/l	99
11) Tert butyl alcohol	5.17	59	41573	260.211	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	163317	48.558	ug/l	98
13) Acrolein	3.89	56	52362	242.425	ug/l	99
14) Allyl chloride	4.67	41	199969	49.669	ug/l	100
15) Acrylonitrile	5.37	53	133230	253.232	ug/l	99
16) Acetone	4.12	43	138221	261.053	ug/l	99
17) Carbon Disulfide	4.39	76	437059	48.842	ug/l	99
18) Methyl Acetate	4.67	43	59600	49.077	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	173758	47.934	ug/l	100
20) Methylene Chloride	4.92	84	175890	50.305	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	189931	50.302	ug/l	98
22) Diisopropyl ether	6.31	45	365197	49.910	ug/l	99
23) Vinyl Acetate	6.25	43	1201991	256.365	ug/l	100
24) 1,1-Dichloroethane	6.21	63	289432	49.884	ug/l	99
25) 2-Butanone	7.17	43	183256	259.616	ug/l	99
26) 2,2-Dichloropropane	7.17	77	171910	48.428	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	201876	49.920	ug/l	99
28) Bromochloromethane	7.51	49	124711	53.705	ug/l	100
29) Tetrahydrofuran	7.53	42	102876	260.196	ug/l	99
30) Chloroform	7.68	83	311071	49.317	ug/l	97
31) Cyclohexane	7.96	56	225078	45.479	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	261631	49.175	ug/l	99
36) 1,1-Dichloropropene	8.09	75	244799	49.865	ug/l	100
37) Ethyl Acetate	7.25	43	82541	51.456	ug/l	99
38) Carbon Tetrachloride	8.07	117	262040	51.331	ug/l	92

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39) Methylcyclohexane	9.34	83	281195	50.223	ug/l	97
40) Benzene	8.32	78	692280	50.605	ug/l	99
41) Methacrylonitrile	7.48	41	46313	48.722	ug/l	99
42) 1,2-Dichloroethane	8.40	62	189543	50.653	ug/l	100
43) Isopropyl Acetate	8.43	43	160138	52.112	ug/l	100
44) Trichloroethene	9.09	130	211955	50.058	ug/l	97
45) 1,2-Dichloropropane	9.37	63	157129	50.367	ug/l	100
46) Dibromomethane	9.46	93	91336	51.187	ug/l	99
47) Bromodichloromethane	9.65	83	230782	52.017	ug/l	97
48) Methyl methacrylate	9.44	41	75721	53.472	ug/l	99
49) 1,4-Dioxane	9.45	88	21204	1033.094	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	399383	256.904	ug/l	100
52) Toluene	10.39	92	455934	50.418	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	217490	53.847	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	261929	53.092	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	129693	51.063	ug/l	99
56) Ethyl methacrylate	10.65	69	147305	53.313	ug/l	99
57) 1,3-Dichloropropane	10.93	76	213576	50.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	398309	260.143	ug/l	100
59) 2-Hexanone	10.97	43	273372	265.774	ug/l	99
60) Dibromochloromethane	11.13	129	164935	52.944	ug/l	96
61) 1,2-Dibromoethane	11.23	107	127646	50.748	ug/l	98
64) Tetrachloroethene	10.87	164	179782	48.708	ug/l	97
65) Chlorobenzene	11.66	112	498834	49.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	184572	51.362	ug/l	99
67) Ethyl Benzene	11.73	91	894244	50.502	ug/l	99
68) m/p-Xylenes	11.84	106	694510	100.847	ug/l	100
69) o-Xylene	12.16	106	321771	50.915	ug/l	99
70) Styrene	12.18	104	542579	51.585	ug/l	100
71) Bromoform	12.35	173	94351	52.298	ug/l #	99
73) Isopropylbenzene	12.46	105	910967	53.115	ug/l	100
74) N-amyl acetate	12.27	43	145917	52.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	136495	50.722	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	95526m	49.614	ug/l	
77) Bromobenzene	12.74	156	214815	50.668	ug/l	96
78) n-propylbenzene	12.80	91	1037837	52.471	ug/l	99
79) 2-Chlorotoluene	12.90	91	576241	51.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	754595	52.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41287	57.638	ug/l	98
82) 4-Chlorotoluene	12.99	91	597841	51.326	ug/l	99
83) tert-Butylbenzene	13.21	119	657945	52.705	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	772788	53.958	ug/l	98
85) sec-Butylbenzene	13.38	105	907315	52.215	ug/l	100
86) p-Isopropyltoluene	13.50	119	852534	52.689	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	411778	50.226	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	413996	51.242	ug/l	100
89) n-Butylbenzene	13.82	91	773317	53.052	ug/l	99
90) Hexachloroethane	14.10	117	136822	54.802	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	364572	51.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21913	53.174	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.14	180	260920	53.459	ug/l	98
94) Hexachlorobutadiene	15.24	225	164182	51.891	ug/l	98
95) Naphthalene	15.36	128	444503	56.036	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	234814	55.302	ug/l	92

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

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