

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015793.D
 Acq On : 07 Jul 2020 14:18
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070720

Quant Time: Jul 08 08:59:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	232442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158541	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	102581	42.86	ug/l	0.00
Spiked Amount			Recovery	=	85.72%	
35) Dibromofluoromethane	7.88	113	95698	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	10.32	98	383502	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.62	95	143386	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	67865	55.438	ug/l	100
3) Chloromethane	2.21	50	79806	48.004	ug/l	96
4) Vinyl Chloride	2.37	62	125633	48.943	ug/l	98
5) Bromomethane	2.78	94	86354	43.966	ug/l	99
6) Chloroethane	2.93	64	82968	47.893	ug/l	98
7) Trichlorofluoromethane	3.26	101	100890	54.689	ug/l	99
8) Diethyl Ether	3.68	74	51736	45.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	107945	49.986	ug/l	99
10) Methyl Iodide	4.26	142	150043	49.694	ug/l	100
11) Tert butyl alcohol	5.18	59	33686	270.250	ug/l	97
12) 1,1-Dichloroethene	4.03	96	106205	50.021	ug/l	99
13) Acrolein	3.89	56	36132	217.604	ug/l	100
14) Allyl chloride	4.67	41	172697	50.043	ug/l	99
15) Acrylonitrile	5.37	53	100274	223.122	ug/l	99
16) Acetone	4.12	43	123026	274.697	ug/l	98
17) Carbon Disulfide	4.38	76	317058	50.199	ug/l	100
18) Methyl Acetate	4.67	43	43589	42.767	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	152764	48.073	ug/l	96
20) Methylene Chloride	4.92	84	121896	53.284	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	121033	49.216	ug/l	98
22) Diisopropyl ether	6.31	45	332902	47.870	ug/l	98
23) Vinyl Acetate	6.26	43	961631	232.485	ug/l	99
24) 1,1-Dichloroethane	6.22	63	210049	47.706	ug/l	99
25) 2-Butanone	7.17	43	143746	236.454	ug/l	97
26) 2,2-Dichloropropane	7.17	77	139554	50.522	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	128020	48.481	ug/l	99
28) Bromochloromethane	7.51	49	74903	42.912	ug/l	100
29) Tetrahydrofuran	7.53	42	83479	226.288	ug/l	99
30) Chloroform	7.68	83	208752	46.380	ug/l	99
31) Cyclohexane	7.96	56	199848	48.228	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	185327	49.105	ug/l	99
36) 1,1-Dichloropropene	8.08	75	179626	51.414	ug/l	100
37) Ethyl Acetate	7.26	43	61036	44.961	ug/l	100
38) Carbon Tetrachloride	8.07	117	173414	51.295	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223913	54.313	ug/l	99
40) Benzene	8.32	78	478173	49.964	ug/l	100
41) Methacrylonitrile	7.49	41	37227	48.303	ug/l	97
42) 1,2-Dichloroethane	8.40	62	138795	46.597	ug/l	99
43) Isopropyl Acetate	8.43	43	123391	46.566	ug/l	100
44) Trichloroethene	9.09	130	126003	49.777	ug/l	91
45) 1,2-Dichloropropane	9.37	63	114019	48.469	ug/l	99
46) Dibromomethane	9.46	93	55989	46.230	ug/l	99
47) Bromodichloromethane	9.65	83	151512	48.367	ug/l	100
48) Methyl methacrylate	9.44	41	57304	47.187	ug/l	98
49) 1,4-Dioxane	9.45	88	13249	884.862	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	298799	231.080	ug/l	100
52) Toluene	10.39	92	311947	50.651	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	151076	50.265	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	179811	50.013	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	77827	46.343	ug/l	99
56) Ethyl methacrylate	10.65	69	101218	49.025	ug/l	98
57) 1,3-Dichloropropane	10.93	76	140062	47.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	232562	230.531	ug/l	100
59) 2-Hexanone	10.97	43	212266	245.984	ug/l	98
60) Dibromochloromethane	11.13	129	93833	48.380	ug/l	100
61) 1,2-Dibromoethane	11.24	107	74605	46.429	ug/l	98
64) Tetrachloroethene	10.86	164	107688	53.026	ug/l	91
65) Chlorobenzene	11.66	112	317587	50.606	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	109713	49.401	ug/l	98
67) Ethyl Benzene	11.73	91	615587	52.968	ug/l	96
68) m/p-Xylenes	11.84	106	462282	105.889	ug/l	99
69) o-Xylene	12.17	106	211801	53.149	ug/l	99
70) Styrene	12.18	104	361798	52.764	ug/l	100
71) Bromoform	12.35	173	49171	48.507	ug/l #	98
73) Isopropylbenzene	12.47	105	608230	54.456	ug/l	99
74) N-amyl acetate	12.27	43	119192	49.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	86722	46.729	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64567m	46.339	ug/l	
77) Bromobenzene	12.75	156	124537	49.727	ug/l	97
78) n-propylbenzene	12.80	91	727385	53.654	ug/l	100
79) 2-Chlorotoluene	12.90	91	403729	52.221	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	513620	53.955	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	27374	44.954	ug/l	99
82) 4-Chlorotoluene	12.99	91	424039	52.524	ug/l	99
83) tert-Butylbenzene	13.21	119	434337	54.959	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	510027	53.650	ug/l	99
85) sec-Butylbenzene	13.38	105	613462	53.749	ug/l	99
86) p-Isopropyltoluene	13.50	119	572703	54.950	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	255355	50.865	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	251141	51.101	ug/l	99
89) n-Butylbenzene	13.82	91	552337	55.379	ug/l	100
90) Hexachloroethane	14.10	117	99062	52.439	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	213265	49.034	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14022	47.288	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.13	180	142809	52.081	ug/l	98
94) Hexachlorobutadiene	15.24	225	91656	52.647	ug/l	97
95) Naphthalene	15.37	128	232725	45.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	120779	51.764	ug/l	96

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

