

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041520\
 Data File : VW015199.D
 Acq On : 15 Apr 2020 13:15
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 15 14:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	976769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	857510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	392007	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	270216	34.72	ug/l	0.00
Spiked Amount			Recovery	=	69.44%	
35) Dibromofluoromethane	7.88	113	273902	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	10.32	98	1123805	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.62	95	393931	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	176350	50.532	ug/l	100
3) Chloromethane	2.21	50	248533	35.242	ug/l	100
4) Vinyl Chloride	2.36	62	315837	34.599	ug/l	100
5) Bromomethane	2.78	94	161423	31.094	ug/l	100
6) Chloroethane	2.92	64	148290	28.822	ug/l	100
7) Trichlorofluoromethane	3.26	101	188605	40.780	ug/l	100
8) Diethyl Ether	3.68	74	155886	43.831	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	307889	42.928	ug/l	100
10) Methyl Iodide	4.28	142	453578	54.518	ug/l	100
11) Tert butyl alcohol	5.17	59	97134	210.191	ug/l	100
12) 1,1-Dichloroethene	4.04	96	315217	44.850	ug/l	100
13) Acrolein	3.89	56	97029	150.737	ug/l	100
14) Allyl chloride	4.67	41	461934	34.342	ug/l	100
15) Acrylonitrile	5.37	53	323652	183.364	ug/l	100
16) Acetone	4.12	43	243426	141.574	ug/l	100
17) Carbon Disulfide	4.38	76	968460	39.649	ug/l	100
18) Methyl Acetate	4.67	43	153631	36.263	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	412180	46.312	ug/l	100
20) Methylene Chloride	4.92	84	318010	37.436	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	331679	44.624	ug/l	100
22) Diisopropyl ether	6.31	45	924370	35.891	ug/l	100
23) Vinyl Acetate	6.25	43	2722434	180.245	ug/l	100
24) 1,1-Dichloroethane	6.21	63	549856	36.081	ug/l	100
25) 2-Butanone	7.17	43	398708	167.099	ug/l	100
26) 2,2-Dichloropropane	7.17	77	354038	39.857	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	352565	45.477	ug/l	100
28) Bromochloromethane	7.51	49	213590	30.185	ug/l	100
29) Tetrahydrofuran	7.52	42	264037	176.400	ug/l	100
30) Chloroform	7.67	83	535985	39.127	ug/l	100
31) Cyclohexane	7.95	56	564542	35.944	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	446562	41.469	ug/l	100
36) 1,1-Dichloropropene	8.08	75	454399	41.858	ug/l	100
37) Ethyl Acetate	7.25	43	185850	35.308	ug/l	100
38) Carbon Tetrachloride	8.07	117	424088	46.816	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	619970	48.844	ug/l	100
40) Benzene	8.32	78	1295264	42.635	ug/l	100
41) Methacrylonitrile	7.48	41	110607	39.230	ug/l	100
42) 1,2-Dichloroethane	8.40	62	330697	36.616	ug/l	100
43) Isopropyl Acetate	8.42	43	377314	39.547	ug/l	100
44) Trichloroethene	9.09	130	342005	51.072	ug/l	100
45) 1,2-Dichloropropane	9.37	63	321684	39.819	ug/l	100
46) Dibromomethane	9.46	93	160557	44.747	ug/l	100
47) Bromodichloromethane	9.64	83	420119	44.005	ug/l	100
48) Methyl methacrylate	9.43	41	182169	41.289	ug/l	100
49) 1,4-Dioxane	9.45	88	49830	927.317	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	944738	180.852	ug/l	100
52) Toluene	10.38	92	828474	46.914	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	433169	46.097	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	514532	45.012	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	229269	46.507	ug/l	100
56) Ethyl methacrylate	10.65	69	317338	49.997	ug/l	100
57) 1,3-Dichloropropane	10.93	76	399407	43.218	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	776855	214.375	ug/l	100
59) 2-Hexanone	10.96	43	635848	196.214	ug/l	100
60) Dibromochloromethane	11.13	129	277100	53.157	ug/l	100
61) 1,2-Dibromoethane	11.23	107	220215	49.772	ug/l	100
64) Tetrachloroethene	10.86	164	262063	52.716	ug/l	100
65) Chlorobenzene	11.66	112	843557	49.415	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	292149	51.103	ug/l	100
67) Ethyl Benzene	11.73	91	1597349	48.640	ug/l	100
68) m/p-Xylenes	11.83	106	1218525	103.740	ug/l	100
69) o-Xylene	12.16	106	572845	53.791	ug/l	100
70) Styrene	12.18	104	974628	53.670	ug/l	100
71) Bromoform	12.35	173	147515	57.182	ug/l	# 100
73) Isopropylbenzene	12.46	105	1541972	51.975	ug/l	100
74) N-amyl acetate	12.27	43	363492	43.198	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	262072	44.520	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	164260m	38.039	ug/l	
77) Bromobenzene	12.74	156	326471	54.746	ug/l	100
78) n-propylbenzene	12.80	91	1891471	49.582	ug/l	100
79) 2-Chlorotoluene	12.89	91	1046183	48.720	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1302907	51.245	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95573	49.626	ug/l	100
82) 4-Chlorotoluene	12.99	91	1100191	48.099	ug/l	100
83) tert-Butylbenzene	13.21	119	1134391	54.466	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1296779	51.017	ug/l	100
85) sec-Butylbenzene	13.38	105	1617825	51.804	ug/l	100
86) p-Isopropyltoluene	13.49	119	1440057	53.445	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	636807	50.914	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	636493	51.547	ug/l	100
89) n-Butylbenzene	13.82	91	1438975	50.237	ug/l	100
90) Hexachloroethane	14.09	117	279549	51.365	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	575355	52.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	42609	44.960	ug/l	100

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93) 1,2,4-Trichlorobenzene	15.13	180	389360	60.685	ug/l	100
94) Hexachlorobutadiene	15.24	225	223633	55.764	ug/l	100
95) Naphthalene	15.36	128	787377	65.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	336723	59.258	ug/l	100

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

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