

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015787.D
 Acq On : 07 Jul 2020 11:07
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 08 08:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	326254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142618	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	12005	5.70	ug/l	0.00
Spiked Amount			Recovery	=	11.40%	
35) Dibromofluoromethane	7.89	113	10326	5.45	ug/l	0.00
Spiked Amount			Recovery	=	10.90%	
50) Toluene-d8	10.33	98	38048	5.18	ug/l	0.00
Spiked Amount			Recovery	=	10.36%	
62) 4-Bromofluorobenzene	12.62	95	13754	5.10	ug/l	0.00
Spiked Amount			Recovery	=	10.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	5077	4.624	ug/l	92
3) Chloromethane	2.21	50	8677	5.918	ug/l #	88
4) Vinyl Chloride	2.36	62	11974	5.277	ug/l	98
5) Bromomethane	2.78	94	9083	5.148	ug/l	87
6) Chloroethane	2.93	64	7784	5.068	ug/l	98
7) Trichlorofluoromethane	3.26	101	7555	4.659	ug/l	92
8) Diethyl Ether	3.68	74	5032	4.938	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9217	4.783	ug/l	95
10) Methyl Iodide	4.27	142	13217	4.996	ug/l	100
11) Tert butyl alcohol	5.17	59	3869	38.173	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	9405	5.009	ug/l	94
13) Acrolein	3.90	56	3908	26.833	ug/l	98
14) Allyl chloride	4.67	41	14595	4.791	ug/l	96
15) Acrylonitrile	5.37	53	9196	23.401	ug/l	93
16) Acetone	4.12	43	10709	27.441	ug/l #	89
17) Carbon Disulfide	4.38	76	27815	4.981	ug/l	98
18) Methyl Acetate	4.68	43	4636	5.235	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	13432	4.832	ug/l	94
20) Methylene Chloride	4.91	84	14425	6.139	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	10654	4.929	ug/l	93
22) Diisopropyl ether	6.32	45	28102	4.590	ug/l	91
23) Vinyl Acetate	6.26	43	78876	21.784	ug/l	99
24) 1,1-Dichloroethane	6.23	63	19398	5.000	ug/l	99
25) 2-Butanone	7.18	43	13221	24.894	ug/l	94
26) 2,2-Dichloropropane	7.17	77	13414	5.534	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	11140	4.777	ug/l	91
28) Bromochloromethane	7.52	49	7896	5.119	ug/l	97
29) Tetrahydrofuran	7.54	42	7413	23.100	ug/l	98
30) Chloroform	7.68	83	20103	5.075	ug/l	100
31) Cyclohexane	7.96	56	20861	5.691	ug/l #	81
32) 1,1,1-Trichloroethane	7.88	97	16611	5.009	ug/l	98
36) 1,1-Dichloropropene	8.09	75	15617	4.854	ug/l	99
37) Ethyl Acetate	7.26	43	6496	5.361	ug/l #	95
38) Carbon Tetrachloride	8.07	117	15322	4.954	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	17168	4.511	ug/l	100
40) Benzene	8.33	78	42937	4.883	ug/l	99
41) Methacrylonitrile	7.49	41	2987	4.269	ug/l	96
42) 1,2-Dichloroethane	8.40	62	13783	5.060	ug/l	98
43) Isopropyl Acetate	8.43	43	11558	4.794	ug/l	98
44) Trichloroethene	9.10	130	11445	4.921	ug/l	97
45) 1,2-Dichloropropane	9.37	63	10582	4.910	ug/l	99
46) Dibromomethane	9.46	93	5336	4.800	ug/l	98
47) Bromodichloromethane	9.65	83	13379	4.640	ug/l #	96
48) Methyl methacrylate	9.44	41	4666	4.101	ug/l #	89
49) 1,4-Dioxane	9.45	88	1074	76.206	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	26839	22.764	ug/l	97
52) Toluene	10.39	92	26659	4.745	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	11631	4.214	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	14585	4.419	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	7367	4.765	ug/l	95
56) Ethyl methacrylate	10.65	69	7658	4.047	ug/l	93
57) 1,3-Dichloropropane	10.93	76	13050	4.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	22153	24.392	ug/l	100
59) 2-Hexanone	10.97	43	16508	20.908	ug/l	99
60) Dibromochloromethane	11.13	129	7752	4.334	ug/l	99
61) 1,2-Dibromoethane	11.24	107	6975	4.755	ug/l	94
64) Tetrachloroethene	10.87	164	9415	4.986	ug/l	95
65) Chlorobenzene	11.66	112	28168	4.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	9435	4.563	ug/l	98
67) Ethyl Benzene	11.73	91	49804	4.603	ug/l	99
68) m/p-Xylenes	11.84	106	36259	8.930	ug/l	98
69) o-Xylene	12.16	106	16303	4.407	ug/l	99
70) Styrene	12.18	104	26714	4.195	ug/l	99
71) Bromoform	12.35	173	3957	4.204	ug/l #	95
73) Isopropylbenzene	12.47	105	45107	4.485	ug/l	99
74) N-amyl acetate	12.27	43	9272	4.348	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	7989	4.803	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	5906m	4.443	ug/l	
77) Bromobenzene	12.75	156	10953	4.885	ug/l	95
78) n-propylbenzene	12.80	91	55498	4.534	ug/l	100
79) 2-Chlorotoluene	12.90	91	32765	4.706	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	38563	4.501	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.51	75	1980	4.064	ug/l	90
82) 4-Chlorotoluene	12.99	91	34353	4.720	ug/l	99
83) tert-Butylbenzene	13.21	119	31672	4.441	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	37872	4.434	ug/l	99
85) sec-Butylbenzene	13.38	105	47537	4.629	ug/l	100
86) p-Isopropyltoluene	13.50	119	41286	4.411	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	21649	4.771	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	22020	4.987	ug/l	94
89) n-Butylbenzene	13.82	91	39299	4.371	ug/l	98
90) Hexachloroethane	14.09	117	7700	4.505	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	18792	4.811	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	1223	4.608	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	10787	4.383	ug/l	97
94) Hexachlorobutadiene	15.24	225	7397	4.734	ug/l	98
95) Naphthalene	15.37	128	15376	3.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	9505	4.572	ug/l	95

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

