

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031421\
 Data File : VW018323.D
 Acq On : 12 Mar 2021 18:02
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 12:40:23 PM

Quant Time: Mar 13 04:33:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031421S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 13 04:29:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.952	168	127737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	219989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	195676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	98327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	16534	14.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	29.96%	
35) Dibromofluoromethane	7.885	113	14695	10.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.08%	
50) Toluene-d8	10.323	98	55972	10.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.26%	
62) 4-Bromofluorobenzene	12.615	95	20682	10.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.48%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	13060	14.19	ug/l	99
3) Chloromethane	2.221	50	9963	12.22	ug/l #	87
4) Vinyl Chloride	2.367	62	14601	12.21	ug/l	99
5) Bromomethane	2.788	94	11784	13.91	ug/l	96
6) Chloroethane	2.940	64	8672	12.45	ug/l	96
7) Trichlorofluoromethane	3.263	101	13250	14.83	ug/l	94
8) Diethyl Ether	3.684	74	6728	11.57	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.080	101	15778	13.21	ug/l	94
10) Methyl Iodide	4.282	142	20697	11.17	ug/l	99
11) Tert butyl alcohol	5.166	59	3671	72.35	ug/l #	87
12) 1,1-Dichloroethene	4.050	96	14943	12.37	ug/l	94
13) Acrolein	3.904	56	4520	61.24	ug/l	97
14) Allyl chloride	4.678	41	16037	10.94	ug/l	97
15) Acrylonitrile	5.373	53	14579	65.09	ug/l	99
16) Acetone	4.123	43	11866	69.37	ug/l	98
17) Carbon Disulfide	4.391	76	38809	11.72	ug/l	98
18) Methyl Acetate	4.678	43	5672	12.26	ug/l	98
19) Methyl tert-butyl Ether	5.434	73	18464	14.21	ug/l	95
20) Methylene Chloride	4.916	84	22638	16.17	ug/l	98
21) trans-1,2-Dichloroethene	5.434	96	16880	12.51	ug/l	98
22) Diisopropyl ether	6.312	45	34846	11.83	ug/l	93
23) Vinyl Acetate	6.257	43	103198	58.77	ug/l	97
24) 1,1-Dichloroethane	6.220	63	26345	12.45	ug/l	99
25) 2-Butanone	7.171	43	16575	63.53	ug/l	93
26) 2,2-Dichloropropane	7.171	77	16393	13.83	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	17832	12.19	ug/l	99
28) Bromochloromethane	7.519	49	9884	12.26	ug/l	99
29) Tetrahydrofuran	7.537	42	10328	60.26	ug/l	97
30) Chloroform	7.677	83	30665	13.47	ug/l	99
31) Cyclohexane	7.958	56	25060	12.68	ug/l #	92
32) 1,1,1-Trichloroethane	7.872	97	25700	13.86	ug/l	100
36) 1,1-Dichloropropene	8.086	75	23549	11.06	ug/l	98
37) Ethyl Acetate	7.257	43	8319	11.47	ug/l #	89
38) Carbon Tetrachloride	8.067	117	23794	11.08	ug/l #	93
39) Methylcyclohexane	9.342	83	26890	9.94	ug/l	97
40) Benzene	8.330	78	61188	10.36	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	3847	9.14	ug/l #	86
42) 1,2-Dichloroethane	8.403	62	21137	13.04	ug/l	100
43) Isopropyl Acetate	8.427	43	14075	10.44	ug/l	99
44) Trichloroethene	9.098	130	16921	9.47	ug/l	98
45) 1,2-Dichloropropane	9.366	63	14319	10.48	ug/l	93
46) Dibromomethane	9.457	93	9042	11.73	ug/l	98
47) Bromodichloromethane	9.646	83	22147	11.26	ug/l	96
48) Methyl methacrylate	9.439	41	6863	10.08	ug/l	93
49) 1,4-Dioxane	9.451	88	2247	223.96	ug/l	98
51) 4-Methyl-2-Pentanone	10.207	43	37689	54.92	ug/l	98
52) Toluene	10.390	92	40963	10.49	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	18480	9.95	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	22294	9.92	ug/l	96
55) 1,1,2-Trichloroethane	10.787	97	11999	10.88	ug/l	97
56) Ethyl methacrylate	10.646	69	13238	10.55	ug/l	97
57) 1,3-Dichloropropane	10.933	76	20788	11.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	33366	51.33	ug/l	98
59) 2-Hexanone	10.969	43	25808	55.73	ug/l	98
60) Dibromochloromethane	11.128	129	14022	10.07	ug/l	99
61) 1,2-Dibromoethane	11.238	107	11813	10.80	ug/l	97
64) Tetrachloroethene	10.860	164	13597	9.31	ug/l	93
65) Chlorobenzene	11.652	112	43850	10.41	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	15144	10.21	ug/l	97
67) Ethyl Benzene	11.731	91	80954	10.98	ug/l	98
68) m/p-Xylenes	11.841	106	59656	20.88	ug/l	95
69) o-Xylene	12.164	106	27447	10.34	ug/l	98
70) Styrene	12.183	104	45791	10.30	ug/l	100
71) Bromoform	12.347	173	7154	9.14	ug/l #	94
73) Isopropylbenzene	12.463	105	78629	10.85	ug/l	98
74) N-amyl acetate	12.274	43	12697	10.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	14029	12.07	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	9208m	10.43	ug/l	
77) Bromobenzene	12.750	156	17049	9.88	ug/l	99
78) n-propylbenzene	12.804	91	94483	11.27	ug/l	100
79) 2-Chlorotoluene	12.890	91	55040	11.43	ug/l	95
80) 1,3,5-Trimethylbenzene	12.945	105	68236	11.11	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3260	9.48	ug/l	92
82) 4-Chlorotoluene	12.987	91	56918	11.21	ug/l	98
83) tert-Butylbenzene	13.207	119	56690	10.56	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	67967	11.08	ug/l	99
85) sec-Butylbenzene	13.384	105	81811	11.25	ug/l	100
86) p-Isopropyltoluene	13.493	119	71528	10.44	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	34029	10.05	ug/l	97
88) 1,4-Dichlorobenzene	13.573	146	34375	10.28	ug/l	91
89) n-Butylbenzene	13.823	91	69933	11.20	ug/l	99
90) Hexachloroethane	14.091	117	11691	9.91	ug/l	92
91) 1,2-Dichlorobenzene	13.865	146	29806	10.08	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2128	11.53	ug/l	89
93) 1,2,4-Trichlorobenzene	15.133	180	19761	8.83	ug/l	97
94) Hexachlorobutadiene	15.237	225	12062	8.66	ug/l	94
95) Naphthalene	15.365	128	38486	10.26	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	17115	8.96	ug/l	90

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

