

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
 Data File : VW017796.D
 Acq On : 07 Jan 2021 12:52
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:31:19 PM

Quant Time: Jan 08 05:01:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 08 04:59:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	162183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	284767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	254026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	126145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	22878	11.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.24%	
35) Dibromofluoromethane	7.884	113	20138	10.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.24%	
50) Toluene-d8	10.323	98	78543	10.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.34%	
62) 4-Bromofluorobenzene	12.615	95	27558	10.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	13680	10.14	ug/l	94
3) Chloromethane	2.215	50	16305	11.00	ug/l	96
4) Vinyl Chloride	2.361	62	24100	10.58	ug/l	98
5) Bromomethane	2.776	94	29796	11.92	ug/l	90
6) Chloroethane	2.922	64	17792	10.91	ug/l	93
7) Trichlorofluoromethane	3.263	101	16964	10.57	ug/l	98
8) Diethyl Ether	3.684	74	8764	10.72	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.068	101	19659	10.74	ug/l	97
10) Methyl Iodide	4.281	142	26091	10.68	ug/l	98
11) Tert butyl alcohol	5.184	59	5760m	48.64	ug/l	
12) 1,1-Dichloroethene	4.044	96	18704	10.73	ug/l	98
13) Acrolein	3.897	56	6763	49.93	ug/l	93
14) Allyl chloride	4.672	41	24655	10.16	ug/l	93
15) Acrylonitrile	5.379	53	18673	48.96	ug/l	94
16) Acetone	4.135	43	17217	47.80	ug/l #	89
17) Carbon Disulfide	4.391	76	55171	10.69	ug/l	98
18) Methyl Acetate	4.684	43	8904	10.18	ug/l	95
19) Methyl tert-butyl Ether	5.427	73	25677	10.69	ug/l	100
20) Methylene Chloride	4.921	84	25045	11.03	ug/l	87
21) trans-1,2-Dichloroethene	5.427	96	22897	11.02	ug/l	98
22) Diisopropyl ether	6.311	45	54943	11.05	ug/l #	94
23) Vinyl Acetate	6.257	43	161776	51.63	ug/l	100
24) 1,1-Dichloroethane	6.214	63	37531	10.77	ug/l	98
25) 2-Butanone	7.177	43	24471	48.85	ug/l	94
26) 2,2-Dichloropropane	7.171	77	21326	10.43	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	23001	10.55	ug/l	96
28) Bromochloromethane	7.512	49	14455	10.22	ug/l	99
29) Tetrahydrofuran	7.531	42	15610	49.43	ug/l	96
30) Chloroform	7.671	83	40172	10.76	ug/l	100
31) Cyclohexane	7.958	56	37103	10.53	ug/l #	94
32) 1,1,1-Trichloroethane	7.872	97	32775	10.67	ug/l	96
36) 1,1-Dichloropropene	8.079	75	32211	10.25	ug/l	99
37) Ethyl Acetate	7.256	43	11904	9.89	ug/l	98
38) Carbon Tetrachloride	8.073	117	30358	10.37	ug/l	92
39) Methylcyclohexane	9.335	83	38812	10.23	ug/l	93
40) Benzene	8.323	78	86214	10.42	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	6770	9.83	ug/l	95
42) 1,2-Dichloroethane	8.403	62	27005	10.36	ug/l	98
43) Isopropyl Acetate	8.427	43	20571	9.72	ug/l	95
44) Trichloroethene	9.091	130	23903	10.63	ug/l	92
45) 1,2-Dichloropropane	9.366	63	20547	10.55	ug/l	99
46) Dibromomethane	9.463	93	12042	10.39	ug/l	98
47) Bromodichloromethane	9.646	83	28561	10.16	ug/l	96
48) Methyl methacrylate	9.439	41	10164	9.24	ug/l	98
49) 1,4-Dioxane	9.463	88	2783	205.28	ug/l #	82
51) 4-Methyl-2-Pentanone	10.213	43	51960	47.50	ug/l	99
52) Toluene	10.384	92	55528	10.23	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	24278	9.83	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	30061	9.99	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	16281	10.42	ug/l	95
56) Ethyl methacrylate	10.646	69	17059	9.86	ug/l	95
57) 1,3-Dichloropropane	10.933	76	27675	10.24	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	44168	50.24	ug/l	98
59) 2-Hexanone	10.969	43	34669	48.25	ug/l	96
60) Dibromochloromethane	11.128	129	17109	9.90	ug/l	93
61) 1,2-Dibromoethane	11.237	107	15318	10.23	ug/l	94
64) Tetrachloroethene	10.859	164	18809	10.56	ug/l	96
65) Chlorobenzene	11.658	112	60400	10.64	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	19880	10.71	ug/l	98
67) Ethyl Benzene	11.731	91	110231	10.61	ug/l	100
68) m/p-Xylenes	11.841	106	82695	21.08	ug/l	99
69) o-Xylene	12.170	106	38678	10.75	ug/l	98
70) Styrene	12.182	104	62384	10.45	ug/l	99
71) Bromoform	12.347	173	8547	9.90	ug/l #	98
73) Isopropylbenzene	12.463	105	105627	10.56	ug/l	98
74) N-amyl acetate	12.274	43	17608	10.27	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	17798	10.22	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	12024m	10.22	ug/l	
77) Bromobenzene	12.749	156	22471	10.43	ug/l	95
78) n-propylbenzene	12.804	91	128969	10.64	ug/l	98
79) 2-Chlorotoluene	12.890	91	71761	10.73	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	84637	10.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	3911	9.54	ug/l #	82
82) 4-Chlorotoluene	12.987	91	76529	10.61	ug/l	100
83) tert-Butylbenzene	13.207	119	74183	10.32	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	89957	10.60	ug/l	100
85) sec-Butylbenzene	13.383	105	107554	10.50	ug/l	100
86) p-Isopropyltoluene	13.499	119	97257	10.46	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	47263	10.75	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	47164	10.51	ug/l	98
89) n-Butylbenzene	13.822	91	99197	10.69	ug/l	98
90) Hexachloroethane	14.091	117	15820	10.48	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	40755	10.58	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2971	10.00	ug/l	84
93) 1,2,4-Trichlorobenzene	15.127	180	26290	10.44	ug/l	100
94) Hexachlorobutadiene	15.237	225	14846	10.66	ug/l	99
95) Naphthalene	15.365	128	48013	10.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	22335	10.38	ug/l	99

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

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