

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010721\
 Data File : VW017800.D
 Acq On : 07 Jan 2021 14:26
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 2:31:25 PM

Quant Time: Jan 08 05:03:35 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	198028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	325659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	295470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	146433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	300611	119.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	239.38%	
35) Dibromofluoromethane	7.884	113	296308	136.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	273.20%	
50) Toluene-d8	10.323	98	1140519	135.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	270.92%	
62) 4-Bromofluorobenzene	12.621	95	401513	132.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	265.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	229446	139.25	ug/l	99
3) Chloromethane	2.215	50	232543	128.45	ug/l	97
4) Vinyl Chloride	2.361	62	370982	133.41	ug/l	98
5) Bromomethane	2.757	94	353584	115.81	ug/l	91
6) Chloroethane	2.916	64	253484	127.29	ug/l	100
7) Trichlorofluoromethane	3.257	101	309763	158.06	ug/l	99
8) Diethyl Ether	3.678	74	133802	134.02	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	284157	127.20	ug/l	99
10) Methyl Iodide	4.275	142	423077	141.89	ug/l	100
11) Tert butyl alcohol	5.178	59	88678	613.31	ug/l	97
12) 1,1-Dichloroethene	4.044	96	292312	137.33	ug/l	94
13) Acrolein	3.885	56	108176	654.06	ug/l	100
14) Allyl chloride	4.665	41	411825	139.02	ug/l	98
15) Acrylonitrile	5.360	53	315876	678.27	ug/l	99
16) Acetone	4.117	43	288399	655.74	ug/l	95
17) Carbon Disulfide	4.385	76	871195	138.30	ug/l	99
18) Methyl Acetate	4.665	43	131244	122.83	ug/l	96
19) Methyl tert-butyl Ether	5.428	73	370152	126.22	ug/l	96
20) Methylene Chloride	4.915	84	312514	112.70	ug/l	94
21) trans-1,2-Dichloroethene	5.421	96	351449	138.56	ug/l	98
22) Diisopropyl ether	6.312	45	794857	130.89	ug/l	97
23) Vinyl Acetate	6.251	43	2689340	702.88	ug/l	98
24) 1,1-Dichloroethane	6.214	63	569312	133.78	ug/l	98
25) 2-Butanone	7.165	43	402952	658.76	ug/l	98
26) 2,2-Dichloropropane	7.165	77	329025	131.84	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	370998	139.34	ug/l	97
28) Bromochloromethane	7.513	49	231622	134.07	ug/l	91
29) Tetrahydrofuran	7.525	42	256362	664.91	ug/l	98
30) Chloroform	7.677	83	610970	134.03	ug/l	98
31) Cyclohexane	7.958	56	512672	119.14	ug/l	97
32) 1,1,1-Trichloroethane	7.872	97	518123	138.10	ug/l	98
36) 1,1-Dichloropropene	8.079	75	489891	136.37	ug/l	98
37) Ethyl Acetate	7.250	43	185020	134.44	ug/l	97
38) Carbon Tetrachloride	8.067	117	512999	153.19	ug/l	96
39) Methylcyclohexane	9.335	83	626654	144.41	ug/l	97
40) Benzene	8.323	78	1314982	138.99	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	106835	135.62	ug/l	97
42) 1,2-Dichloroethane	8.403	62	388192	130.18	ug/l	99
43) Isopropyl Acetate	8.421	43	356599	147.38	ug/l	98
44) Trichloroethene	9.092	130	376656	146.47	ug/l	96
45) 1,2-Dichloropropane	9.366	63	307117	137.90	ug/l	98
46) Dibromomethane	9.457	93	182844	138.00	ug/l	96
47) Bromodichloromethane	9.646	83	459453	142.94	ug/l	97
48) Methyl methacrylate	9.433	41	179444	142.68	ug/l	99
49) 1,4-Dioxane	9.445	88	44531	2872.25	ug/l	95
51) 4-Methyl-2-Pentanone	10.207	43	889160	710.74	ug/l	98
52) Toluene	10.390	92	886745	142.89	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	454307	160.78	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	524369	152.38	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	244384	136.75	ug/l	98
56) Ethyl methacrylate	10.646	69	305931	154.69	ug/l	98
57) 1,3-Dichloropropane	10.933	76	416485	134.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	680020	676.32	ug/l	97
59) 2-Hexanone	10.969	43	601154	731.62	ug/l	98
60) Dibromochloromethane	11.128	129	314561	159.16	ug/l	97
61) 1,2-Dibromoethane	11.237	107	247674	144.69	ug/l	97
64) Tetrachloroethene	10.859	164	300234	144.89	ug/l	96
65) Chlorobenzene	11.658	112	932485	141.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	331300	153.48	ug/l	98
67) Ethyl Benzene	11.731	91	1723028	142.61	ug/l	99
68) m/p-Xylenes	11.841	106	1326592	290.74	ug/l	97
69) o-Xylene	12.164	106	611710	146.13	ug/l	100
70) Styrene	12.182	104	1043616	150.25	ug/l	99
71) Bromoform	12.347	173	170130	169.49	ug/l #	99
73) Isopropylbenzene	12.463	105	1720341	148.16	ug/l	100
74) N-amyl acetate	12.274	43	316687	159.05	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	278056	137.53	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	178794m	130.90	ug/l	
77) Bromobenzene	12.743	156	376197	150.47	ug/l	95
78) n-propylbenzene	12.804	91	2022414	143.71	ug/l	99
79) 2-Chlorotoluene	12.890	91	1104221	142.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	1440792	148.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	90668	190.53	ug/l	96
82) 4-Chlorotoluene	12.987	91	1163127	138.85	ug/l	97
83) tert-Butylbenzene	13.207	119	1269200	152.09	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	1423791	144.56	ug/l	99
85) sec-Butylbenzene	13.383	105	1756773	147.71	ug/l	99
86) p-Isopropyltoluene	13.499	119	1617578	149.81	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	735143	144.10	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	716275	137.56	ug/l	96
89) n-Butylbenzene	13.822	91	1538792	142.79	ug/l	99
90) Hexachloroethane	14.091	117	293496	167.46	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	642303	143.58	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	49466	143.45	ug/l	96
93) 1,2,4-Trichlorobenzene	15.133	180	443598	151.71	ug/l	98
94) Hexachlorobutadiene	15.231	225	244059	150.92	ug/l	96
95) Naphthalene	15.365	128	900715	163.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	383111	153.44	ug/l	99

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

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