

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018349.D
 Acq On : 17 Mar 2021 16:06
 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
 3/18/2021 4:12:33 PM

Quant Time: Mar 17 18:26:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:21:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	460236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	755938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	690286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	342576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	666313	118.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	236.44%	
35) Dibromofluoromethane	7.885	113	614472	123.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	247.50%	
50) Toluene-d8	10.323	98	2402950	128.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	257.86%	
62) 4-Bromofluorobenzene	12.615	95	923759	134.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	268.86%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	503953	124.37	ug/l	98
3) Chloromethane	2.221	50	687486	186.08	ug/l	97
4) Vinyl Chloride	2.367	62	820397	157.02	ug/l	98
5) Bromomethane	2.776	94	516606	126.23	ug/l	99
6) Chloroethane	2.922	64	518687	159.22	ug/l	97
7) Trichlorofluoromethane	3.257	101	576971	120.64	ug/l	93
8) Diethyl Ether	3.678	74	336775	138.89	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	620163	116.12	ug/l	99
10) Methyl Iodide	4.275	142	972464	133.38	ug/l	94
11) Tert butyl alcohol	5.159	59	214240	867.64	ug/l	99
12) 1,1-Dichloroethene	4.038	96	659370	127.88	ug/l	94
13) Acrolein	3.885	56	133146	453.69	ug/l	100
14) Allyl chloride	4.666	41	850806	142.89	ug/l	99
15) Acrylonitrile	5.361	53	672847	690.21	ug/l	100
16) Acetone	4.117	43	483079	626.93	ug/l	97
17) Carbon Disulfide	4.385	76	1840046	131.97	ug/l	99
18) Methyl Acetate	4.666	43	290420	145.88	ug/l	99
19) Methyl tert-butyl Ether	5.422	73	926608	144.29	ug/l	99
20) Methylene Chloride	4.909	84	680374	95.89	ug/l	96
21) trans-1,2-Dichloroethene	5.422	96	768094	132.39	ug/l	94
22) Diisopropyl ether	6.306	45	1731272	140.70	ug/l	97
23) Vinyl Acetate	6.251	43	5552375	740.85	ug/l	99
24) 1,1-Dichloroethane	6.214	63	1285813	136.90	ug/l	100
25) 2-Butanone	7.165	43	810764	727.48	ug/l	100
26) 2,2-Dichloropropane	7.165	77	772769	130.83	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	827843	131.82	ug/l	96
28) Bromochloromethane	7.513	49	484380	138.86	ug/l	95
29) Tetrahydrofuran	7.525	42	521572	731.95	ug/l	98
30) Chloroform	7.671	83	1372084	129.28	ug/l	97
31) Cyclohexane	7.958	56	1103309	128.89	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	1109313	122.91	ug/l	99
36) 1,1-Dichloropropene	8.080	75	1077482	134.49	ug/l	99
37) Ethyl Acetate	7.251	43	371773	145.49	ug/l	98
38) Carbon Tetrachloride	8.067	117	1056524	127.06	ug/l	93
39) Methylcyclohexane	9.336	83	1386823	143.72	ug/l	97
40) Benzene	8.323	78	2922025	138.56	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	201093	141.28	ug/l	90
42) 1,2-Dichloroethane	8.397	62	899434	130.00	ug/l	100
43) Isopropyl Acetate	8.421	43	772560	158.89	ug/l	97
44) Trichloroethene	9.092	130	809936	134.74	ug/l	100
45) 1,2-Dichloropropane	9.366	63	692676	142.47	ug/l	100
46) Dibromomethane	9.457	93	406208	136.16	ug/l	98
47) Bromodichloromethane	9.640	83	1051056	137.65	ug/l	96
48) Methyl methacrylate	9.433	41	388688	163.66	ug/l	96
49) 1,4-Dioxane	9.445	88	121328	3255.82	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	1900980	768.55	ug/l	99
52) Toluene	10.384	92	1965477	140.79	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	1087290	157.32	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	1232065	151.56	ug/l	99
55) 1,1,2-Trichloroethane	10.786	97	552738	137.66	ug/l	98
56) Ethyl methacrylate	10.646	69	727469	157.45	ug/l	100
57) 1,3-Dichloropropane	10.933	76	953357	140.08	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	1768503	758.17	ug/l	98
59) 2-Hexanone	10.963	43	1314116	780.63	ug/l	98
60) Dibromochloromethane	11.128	129	715051	147.87	ug/l	97
61) 1,2-Dibromoethane	11.232	107	562746	143.30	ug/l	99
64) Tetrachloroethene	10.860	164	663519	136.61	ug/l	89
65) Chlorobenzene	11.652	112	2110185	137.09	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	773299	142.01	ug/l	98
67) Ethyl Benzene	11.731	91	3843236	134.69	ug/l	98
68) m/p-Xylenes	11.835	106	2962611	278.86	ug/l	96
69) o-Xylene	12.164	106	1422814	146.11	ug/l	93
70) Styrene	12.183	104	2356035	141.24	ug/l	99
71) Bromoform	12.347	173	428586	166.97	ug/l #	98
73) Isopropylbenzene	12.463	105	3854739	134.54	ug/l	97
74) N-amyl acetate	12.268	43	738852	159.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	621454	134.09	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	409687m	127.82	ug/l	
77) Bromobenzene	12.743	156	859154	142.49	ug/l	95
78) n-propylbenzene	12.804	91	4477148	133.26	ug/l	97
79) 2-Chlorotoluene	12.890	91	2555440	131.13	ug/l	91
80) 1,3,5-Trimethylbenzene	12.945	105	3267950	133.44	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	228469	176.18	ug/l	88
82) 4-Chlorotoluene	12.987	91	2701602	131.97	ug/l	96
83) tert-Butylbenzene	13.201	119	2801382	134.26	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	3226433	131.82	ug/l	96
85) sec-Butylbenzene	13.384	105	3797187	130.77	ug/l	97
86) p-Isopropyltoluene	13.493	119	3459704	129.67	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	1678483	137.74	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	1603910	133.45	ug/l	99
89) n-Butylbenzene	13.823	91	3364293	131.91	ug/l	97
90) Hexachloroethane	14.091	117	669792	144.74	ug/l	95
91) 1,2-Dichlorobenzene	13.865	146	1471780	140.71	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	114486	141.67	ug/l	93
93) 1,2,4-Trichlorobenzene	15.127	180	1027243	141.73	ug/l	96
94) Hexachlorobutadiene	15.231	225	556862	133.86	ug/l	85
95) Naphthalene	15.359	128	1952810	140.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	865622	140.20	ug/l	92

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

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