

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
 Data File : VW018243.D
 Acq On : 04 Mar 2021 11:37
 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
 3/5/2021 10:12:14 AM

Quant Time: Mar 04 13:14:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 04 13:12:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	300307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	437185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	399538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	209413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	27368	7.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	15.66%	
35) Dibromofluoromethane	7.884	113	29822	10.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.10%	
50) Toluene-d8	10.323	98	110932	10.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.34%	
62) 4-Bromofluorobenzene	12.615	95	40141	10.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.74%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	23524	10.09	ug/l	97
3) Chloromethane	2.215	50	19933	7.95	ug/l	98
4) Vinyl Chloride	2.367	62	29267	7.52	ug/l	95
5) Bromomethane	2.782	94	20645	5.40	ug/l	97
6) Chloroethane	2.928	64	16274	6.14	ug/l	100
7) Trichlorofluoromethane	3.257	101	19171	6.74	ug/l	97
8) Diethyl Ether	3.684	74	13269	9.04	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.074	101	28527	9.04	ug/l	89
10) Methyl Iodide	4.275	142	43484	9.81	ug/l	93
11) Tert butyl alcohol	5.159	59	6181	32.09	ug/l #	83
12) 1,1-Dichloroethene	4.050	96	28130	8.99	ug/l	88
13) Acrolein	3.897	56	8148	35.86	ug/l	98
14) Allyl chloride	4.672	41	34170	7.96	ug/l	90
15) Acrylonitrile	5.367	53	26053	39.49	ug/l	99
16) Acetone	4.123	43	20173	33.38	ug/l	93
17) Carbon Disulfide	4.391	76	78202	8.63	ug/l	98
18) Methyl Acetate	4.678	43	10719	7.49	ug/l	94
19) Methyl tert-butyl Ether	5.421	73	30753	7.44	ug/l	99
20) Methylene Chloride	4.922	84	35533	9.26	ug/l #	86
21) trans-1,2-Dichloroethene	5.434	96	31470	8.50	ug/l	93
22) Diisopropyl ether	6.318	45	69455	7.95	ug/l	94
23) Vinyl Acetate	6.257	43	199345	36.36	ug/l #	92
24) 1,1-Dichloroethane	6.220	63	50114	8.19	ug/l	94
25) 2-Butanone	7.171	43	30185	35.53	ug/l	93
26) 2,2-Dichloropropane	7.165	77	28089	7.97	ug/l	95
27) cis-1,2-Dichloroethene	7.165	96	34089	8.72	ug/l	92
28) Bromochloromethane	7.513	49	19649	7.80	ug/l #	72
29) Tetrahydrofuran	7.537	42	19695	36.29	ug/l	93
30) Chloroform	7.677	83	53829	8.17	ug/l	99
31) Cyclohexane	7.958	56	48001	8.19	ug/l #	81
32) 1,1,1-Trichloroethane	7.872	97	43532	8.03	ug/l	95
36) 1,1-Dichloropropene	8.086	75	43347	9.55	ug/l	97
37) Ethyl Acetate	7.256	43	14272	8.29	ug/l #	91
38) Carbon Tetrachloride	8.067	117	43023	9.65	ug/l	95
39) Methylcyclohexane	9.335	83	53500	9.52	ug/l	98
40) Benzene	8.323	78	119956	9.69	ug/l	98

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41) Methacrylonitrile	7.482	41	8475	8.64	ug/l	92
42) 1,2-Dichloroethane	8.403	62	32785	8.77	ug/l	95
43) Isopropyl Acetate	8.421	43	25303	8.11	ug/l #	91
44) Trichloroethene	9.092	130	35537	10.34	ug/l	90
45) 1,2-Dichloropropane	9.372	63	27519	9.38	ug/l	96
46) Dibromomethane	9.457	93	15675	9.17	ug/l #	83
47) Bromodichloromethane	9.646	83	38299	9.21	ug/l	99
48) Methyl methacrylate	9.439	41	12352	7.91	ug/l	86
49) 1,4-Dioxane	9.445	88	3941	191.71	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	66480	41.62	ug/l	91
52) Toluene	10.390	92	78543	9.72	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	34983	9.17	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	43345	9.44	ug/l	89
55) 1,1,2-Trichloroethane	10.786	97	21679	9.45	ug/l	97
56) Ethyl methacrylate	10.646	69	22695	8.60	ug/l #	92
57) 1,3-Dichloropropane	10.933	76	36493	9.24	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	59070	45.34	ug/l	94
59) 2-Hexanone	10.969	43	44407	41.61	ug/l	91
60) Dibromochloromethane	11.128	129	26712	10.02	ug/l	96
61) 1,2-Dibromoethane	11.237	107	21113	9.33	ug/l	99
64) Tetrachloroethene	10.860	164	30678	10.93	ug/l	96
65) Chlorobenzene	11.658	112	87165	9.88	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	29647	10.00	ug/l	98
67) Ethyl Benzene	11.731	91	149561	9.30	ug/l	98
68) m/p-Xylenes	11.841	106	116621	19.23	ug/l	98
69) o-Xylene	12.164	106	53333	9.50	ug/l	99
70) Styrene	12.182	104	89090	9.47	ug/l	98
71) Bromoform	12.347	173	15686	10.69	ug/l #	98
73) Isopropylbenzene	12.463	105	151408	9.29	ug/l	99
74) N-amyl acetate	12.274	43	23857	8.39	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	23526	8.50	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	18777m	9.95	ug/l	
77) Bromobenzene	12.749	156	35807	9.87	ug/l	91
78) n-propylbenzene	12.804	91	175942	8.96	ug/l	98
79) 2-Chlorotoluene	12.890	91	101067	9.34	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	128123	9.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	6535	8.90	ug/l	99
82) 4-Chlorotoluene	12.987	91	107107	9.31	ug/l	99
83) tert-Butylbenzene	13.207	119	109621	9.30	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	129969	9.41	ug/l	97
85) sec-Butylbenzene	13.383	105	154884	9.27	ug/l	99
86) p-Isopropyltoluene	13.499	119	144628	9.48	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	72370	10.03	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	71329	9.95	ug/l	98
89) n-Butylbenzene	13.822	91	131970	8.90	ug/l	99
90) Hexachloroethane	14.091	117	23458	9.01	ug/l	70
91) 1,2-Dichlorobenzene	13.871	146	62925	10.00	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3770	8.14	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	48285	11.41	ug/l	96
94) Hexachlorobutadiene	15.231	225	29717	12.33	ug/l	97
95) Naphthalene	15.365	128	73590	9.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	38500	10.52	ug/l	99

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

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