

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018351.D
 Acq On : 17 Mar 2021 17:42
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 4:12:35 PM

Quant Time: Mar 17 18:40:53 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	7.945	168	387498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	652560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	584354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	285639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	22876	4.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.64%	
35) Dibromofluoromethane	7.884	113	21002	4.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.80%	
50) Toluene-d8	10.323	98	80657	5.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.615	95	30520	5.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.28%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	12997	3.81	ug/l	97
3) Chloromethane	2.215	50	22871	7.35	ug/l	96
4) Vinyl Chloride	2.361	62	18816	4.28	ug/l #	88
5) Bromomethane	2.782	94	19375	5.62	ug/l	95
6) Chloroethane	2.928	64	17326	6.32	ug/l	94
7) Trichlorofluoromethane	3.263	101	15167	3.77	ug/l	94
8) Diethyl Ether	3.678	74	10604	5.19	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	18405	4.09	ug/l #	86
10) Methyl Iodide	4.269	142	27728	4.52	ug/l	96
11) Tert butyl alcohol	5.153	59	7303	35.13	ug/l	95
12) 1,1-Dichloroethene	4.044	96	19326	4.45	ug/l	92
13) Acrolein	3.897	56	5972	24.17	ug/l	83
14) Allyl chloride	4.672	41	26241	5.23	ug/l	94
15) Acrylonitrile	5.373	53	20293	24.72	ug/l	96
16) Acetone	4.123	43	18744	28.89	ug/l	97
17) Carbon Disulfide	4.385	76	46630	3.97	ug/l	99
18) Methyl Acetate	4.666	43	9133	5.45	ug/l	99
19) Methyl tert-butyl Ether	5.421	73	31215	5.77	ug/l	92
20) Methylene Chloride	4.915	84	32775	5.49	ug/l #	86
21) trans-1,2-Dichloroethene	5.421	96	23742	4.86	ug/l	88
22) Diisopropyl ether	6.305	45	56085	5.41	ug/l #	95
23) Vinyl Acetate	6.257	43	165617	26.25	ug/l	95
24) 1,1-Dichloroethane	6.214	63	39397	4.98	ug/l	95
25) 2-Butanone	7.171	43	24305	25.90	ug/l	97
26) 2,2-Dichloropropane	7.165	77	26565	5.34	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	26090	4.93	ug/l	97
28) Bromochloromethane	7.519	49	16163	5.50	ug/l	84
29) Tetrahydrofuran	7.531	42	15922	26.54	ug/l	93
30) Chloroform	7.671	83	42078	4.71	ug/l	94
31) Cyclohexane	7.958	56	44071	6.11	ug/l #	83
32) 1,1,1-Trichloroethane	7.872	97	33330	4.39	ug/l	97
36) 1,1-Dichloropropene	8.086	75	33666	4.87	ug/l	98
37) Ethyl Acetate	7.257	43	12707	5.76	ug/l	98
38) Carbon Tetrachloride	8.067	117	30084	4.19	ug/l	96
39) Methylcyclohexane	9.335	83	40371	4.85	ug/l	90
40) Benzene	8.323	78	90230	4.96	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	5841	4.75	ug/l #	79
42) 1,2-Dichloroethane	8.397	62	28494	4.77	ug/l	97
43) Isopropyl Acetate	8.421	43	24068	5.73	ug/l	95
44) Trichloroethene	9.092	130	23274	4.49	ug/l	95
45) 1,2-Dichloropropane	9.372	63	21837	5.20	ug/l	93
46) Dibromomethane	9.457	93	11660	4.53	ug/l	96
47) Bromodichloromethane	9.646	83	30227	4.59	ug/l	94
48) Methyl methacrylate	9.433	41	10673	5.21	ug/l #	91
49) 1,4-Dioxane	9.445	88	3467	107.78	ug/l	91
51) 4-Methyl-2-Pentanone	10.207	43	57809	27.07	ug/l	95
52) Toluene	10.390	92	57538	4.77	ug/l	97
53) t-1,3-Dichloropropene	10.603	75	29519	4.95	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	34816	4.96	ug/l #	90
55) 1,1,2-Trichloroethane	10.780	97	15584	4.50	ug/l	96
56) Ethyl methacrylate	10.646	69	19927	5.00	ug/l	91
57) 1,3-Dichloropropane	10.933	76	28809	4.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	56038	27.83	ug/l	94
59) 2-Hexanone	10.969	43	39705	27.32	ug/l	96
60) Dibromochloromethane	11.128	129	18821	4.51	ug/l	100
61) 1,2-Dibromoethane	11.238	107	15319	4.52	ug/l	99
64) Tetrachloroethene	10.860	164	18237	4.44	ug/l	93
65) Chlorobenzene	11.658	112	60344	4.63	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	20041	4.35	ug/l	95
67) Ethyl Benzene	11.731	91	114241	4.73	ug/l	98
68) m/p-Xylenes	11.841	106	84626	9.41	ug/l	98
69) o-Xylene	12.164	106	38613	4.68	ug/l	99
70) Styrene	12.182	104	64034	4.53	ug/l	97
71) Bromoform	12.347	173	9758	4.49	ug/l #	95
73) Isopropylbenzene	12.463	105	108244	4.53	ug/l	99
74) N-amyl acetate	12.268	43	22779	5.91	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	18557	4.80	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	16143m	6.04	ug/l	
77) Bromobenzene	12.743	156	23166	4.61	ug/l	94
78) n-propylbenzene	12.804	91	132030	4.71	ug/l	99
79) 2-Chlorotoluene	12.890	91	75897	4.67	ug/l	97
80) 1,3,5-Trimethylbenzene	12.938	105	95374	4.67	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	6173	5.71	ug/l	92
82) 4-Chlorotoluene	12.987	91	80227	4.70	ug/l	99
83) tert-Butylbenzene	13.201	119	79277	4.56	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	95683	4.69	ug/l	96
85) sec-Butylbenzene	13.377	105	113791	4.70	ug/l	99
86) p-Isopropyltoluene	13.493	119	98850	4.44	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	47115	4.64	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	48007	4.79	ug/l	92
89) n-Butylbenzene	13.816	91	101692	4.78	ug/l	99
90) Hexachloroethane	14.091	117	17333	4.49	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	42755	4.90	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	3543	5.26	ug/l	99
93) 1,2,4-Trichlorobenzene	15.133	180	30540	5.05	ug/l	95
94) Hexachlorobutadiene	15.231	225	17137	4.94	ug/l	87
95) Naphthalene	15.365	128	57515	4.97	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	26801	5.21	ug/l	98

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

