

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018344.D
 Acq On : 17 Mar 2021 14:06
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda

3/18/2021 4:12:18 PM

Quant Time: Mar 17 18:43:16 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	396486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	681722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	602198	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	292258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	22524	4.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.28%	
35) Dibromofluoromethane	7.885	113	19905	4.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	8.88%	
50) Toluene-d8	10.323	98	82369	4.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.80%	
62) 4-Bromofluorobenzene	12.615	95	30387	4.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.80%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	13258	3.80	ug/l	99
3) Chloromethane	2.215	50	21413	6.73	ug/l	98
4) Vinyl Chloride	2.361	62	6987	1.55	ug/l	# 86
5) Bromomethane	2.782	94	19231	5.45	ug/l	82
6) Chloroethane	2.928	64	17282	6.16	ug/l	94
7) Trichlorofluoromethane	3.257	101	15347	3.72	ug/l	97
8) Diethyl Ether	3.684	74	9651	4.62	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	18591	4.04	ug/l	96
10) Methyl Iodide	4.269	142	26413	4.21	ug/l	95
11) Tert butyl alcohol	5.159	59	5986	28.14	ug/l	96
12) 1,1-Dichloroethene	4.044	96	17764	4.00	ug/l	96
13) Acrolein	3.891	56	6105	24.15	ug/l	96
14) Allyl chloride	4.660	41	27786	5.42	ug/l	95
15) Acrylonitrile	5.361	53	18816	22.40	ug/l	98
16) Acetone	4.117	43	20397	30.73	ug/l	96
17) Carbon Disulfide	4.385	76	37609	3.13	ug/l	99
18) Methyl Acetate	4.678	43	9586	5.59	ug/l	89
19) Methyl tert-butyl Ether	5.422	73	29572	5.35	ug/l	98
20) Methylene Chloride	4.910	84	28661	4.69	ug/l	# 95
21) trans-1,2-Dichloroethene	5.422	96	23499	4.70	ug/l	93
22) Diisopropyl ether	6.306	45	55911	5.27	ug/l	95
23) Vinyl Acetate	6.251	43	162664	25.19	ug/l	96
24) 1,1-Dichloroethane	6.214	63	39333	4.86	ug/l	96
25) 2-Butanone	7.171	43	22874	23.82	ug/l	100
26) 2,2-Dichloropropane	7.171	77	25519	5.02	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	23964	4.43	ug/l	89
28) Bromochloromethane	7.513	49	17306	5.76	ug/l	84
29) Tetrahydrofuran	7.531	42	13819	22.51	ug/l	98
30) Chloroform	7.671	83	41466	4.54	ug/l	95
31) Cyclohexane	7.952	56	43448	5.89	ug/l	# 83
32) 1,1,1-Trichloroethane	7.866	97	32683	4.20	ug/l	97
36) 1,1-Dichloropropene	8.086	75	32740	4.53	ug/l	99
37) Ethyl Acetate	7.257	43	10211	4.43	ug/l	# 95
38) Carbon Tetrachloride	8.067	117	29785	3.97	ug/l	98
39) Methylcyclohexane	9.336	83	42229	4.85	ug/l	92
40) Benzene	8.324	78	89339	4.70	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	5855	4.56	ug/l #	82
42) 1,2-Dichloroethane	8.403	62	27836	4.46	ug/l	96
43) Isopropyl Acetate	8.427	43	21446	4.89	ug/l	99
44) Trichloroethene	9.092	130	23013	4.25	ug/l	93
45) 1,2-Dichloropropane	9.366	63	21687	4.95	ug/l	93
46) Dibromomethane	9.457	93	11388	4.23	ug/l	95
47) Bromodichloromethane	9.640	83	30245	4.39	ug/l #	97
48) Methyl methacrylate	9.433	41	11229	5.24	ug/l	93
49) 1,4-Dioxane	9.439	88	3314	98.61	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	50788	22.77	ug/l	99
52) Toluene	10.384	92	57284	4.55	ug/l	96
53) t-1,3-Dichloropropene	10.604	75	29944	4.80	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	35204	4.80	ug/l #	91
55) 1,1,2-Trichloroethane	10.787	97	15176	4.19	ug/l	98
56) Ethyl methacrylate	10.640	69	19276	4.63	ug/l	93
57) 1,3-Dichloropropane	10.933	76	27789	4.53	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.921	63	50451	23.98	ug/l	94
59) 2-Hexanone	10.969	43	35309	23.26	ug/l	96
60) Dibromochloromethane	11.128	129	16950	3.89	ug/l	93
61) 1,2-Dibromoethane	11.232	107	14364	4.06	ug/l	100
64) Tetrachloroethene	10.866	164	18778	4.43	ug/l	87
65) Chlorobenzene	11.658	112	58598	4.36	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	20081	4.23	ug/l	96
67) Ethyl Benzene	11.725	91	114646	4.61	ug/l	96
68) m/p-Xylenes	11.835	106	85780	9.26	ug/l	99
69) o-Xylene	12.164	106	39747	4.68	ug/l	97
70) Styrene	12.177	104	63292	4.35	ug/l	96
71) Bromoform	12.347	173	8675	3.87	ug/l #	98
73) Isopropylbenzene	12.463	105	108648	4.45	ug/l	99
74) N-amyl acetate	12.268	43	20566	5.22	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.713	83	16825	4.26	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	13820m	5.05	ug/l	
77) Bromobenzene	12.750	156	23482	4.57	ug/l	97
78) n-propylbenzene	12.804	91	132382	4.62	ug/l	98
79) 2-Chlorotoluene	12.890	91	76848	4.62	ug/l	99
80) 1,3,5-Trimethylbenzene	12.939	105	93154	4.46	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	5008	4.53	ug/l	96
82) 4-Chlorotoluene	12.987	91	80831	4.63	ug/l	100
83) tert-Butylbenzene	13.201	119	79362	4.46	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	95526	4.57	ug/l	100
85) sec-Butylbenzene	13.384	105	112222	4.53	ug/l	99
86) p-Isopropyltoluene	13.493	119	98865	4.34	ug/l	98
87) 1,3-Dichlorobenzene	13.493	146	44820	4.31	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	46131	4.50	ug/l	92
89) n-Butylbenzene	13.823	91	103432	4.75	ug/l	99
90) Hexachloroethane	14.091	117	18207	4.61	ug/l	97
91) 1,2-Dichlorobenzene	13.871	146	41059	4.60	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2946	4.27	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	28710	4.64	ug/l	94
94) Hexachlorobutadiene	15.225	225	15706	4.43	ug/l	87
95) Naphthalene	15.365	128	49313	4.16	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	23581	4.48	ug/l	97

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

