Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052421\
Data File : VW019062.D
Acq On : 24 May 2021 12:00
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 24 13:16:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W052421S.M
Quant Title : SW846 8260
QLast Update : Mon May 24 13:14:17 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.951	168	372272	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.842	114	630041	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	564700	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	277641	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.311	65	48088	12.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 24.72%				
35) Dibromofluoromethane	7.890	113	42687	11.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 23.76%				
50) Toluene-d8	10.323	98	173896	12.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 24.50%				
62) 4-Bromofluorobenzene	12.615	95	60988	11.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 23.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	30471	12.21	ug/l		97
3) Chloromethane	2.215	50	31980	11.62	ug/l		98
4) Vinyl Chloride	2.367	62	49897	12.11	ug/l		97
5) Bromomethane	2.782	94	41013	11.93	ug/l		100
6) Chloroethane	2.928	64	32774	11.61	ug/l		98
7) Trichlorofluoromethane	3.263	101	29082	12.69	ug/l		97
8) Diethyl Ether	3.684	74	23046	11.69	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.068	101	44244	12.04	ug/l		98
10) Methyl Iodide	4.275	142	63803	11.95	ug/l		99
11) Tert butyl alcohol	5.190	59	12804	56.80	ug/l	#	90
12) 1,1-Dichloroethene	4.044	96	46243	12.36	ug/l		89
13) Acrolein	3.897	56	16369	64.80	ug/l		99
14) Allyl chloride	4.678	41	60980	12.45	ug/l		98
15) Acrylonitrile	5.373	53	42651	57.61	ug/l		98
16) Acetone	4.135	43	41192	66.58	ug/l		100
17) Carbon Disulfide	4.391	76	122927	12.07	ug/l		98
18) Methyl Acetate	4.678	43	20795	11.61	ug/l		98
19) Methyl tert-butyl Ether	5.428	73	56045	11.90	ug/l		96
20) Methylene Chloride	4.928	84	60586	11.35	ug/l		98
21) trans-1,2-Dichloroethene	5.428	96	51208	11.98	ug/l		98
22) Diisopropyl ether	6.318	45	116756	11.74	ug/l		98
23) Vinyl Acetate	6.257	43	380509	56.99	ug/l		98
24) 1,1-Dichloroethane	6.220	63	91690	11.97	ug/l		98
25) 2-Butanone	7.177	43	59648	59.80	ug/l		97
26) 2,2-Dichloropropane	7.165	77	54189	12.97	ug/l		96
27) cis-1,2-Dichloroethene	7.171	96	55903	11.80	ug/l		99
28) Bromochloromethane	7.519	49	35313	11.48	ug/l		99
29) Tetrahydrofuran	7.537	42	32421	55.73	ug/l		99
30) Chloroform	7.677	83	92959	11.94	ug/l		94
31) Cyclohexane	7.958	56	82567	12.87	ug/l	#	92
32) 1,1,1-Trichloroethane	7.872	97	72080	12.41	ug/l		99
36) 1,1-Dichloropropene	8.086	75	76002	11.93	ug/l		100
37) Ethyl Acetate	7.256	43	26408	10.70	ug/l		99
38) Carbon Tetrachloride	8.067	117	67202	11.98	ug/l		97
39) Methylcyclohexane	9.335	83	83581	11.88	ug/l		99
40) Benzene	8.323	78	209153	11.79	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	15371	11.21	ug/l		94
42) 1,2-Dichloroethane	8.403	62	60706	11.55	ug/l		100
43) Isopropyl Acetate	8.427	43	49732	10.78	ug/l		100
44) Trichloroethene	9.091	130	54317	11.87	ug/l		98
45) 1,2-Dichloropropane	9.372	63	50011	11.64	ug/l		95
46) Dibromomethane	9.463	93	25766	11.07	ug/l		99
47) Bromodichloromethane	9.646	83	65635	11.32	ug/l		99
48) Methyl methacrylate	9.439	41	23010	10.86	ug/l		98
49) 1,4-Dioxane	9.463	88	6136	226.03	ug/l	#	74
51) 4-Methyl-2-Pentanone	10.213	43	132424	55.50	ug/l		99
52) Toluene	10.390	92	131501	11.71	ug/l		100
53) t-1,3-Dichloropropene	10.609	75	62743	10.96	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	75121	11.01	ug/l		93
55) 1,1,2-Trichloroethane	10.786	97	36088	11.19	ug/l		97
56) Ethyl methacrylate	10.646	69	42767	10.53	ug/l		99
57) 1,3-Dichloropropane	10.933	76	66215	11.51	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	113179	54.34	ug/l		100
59) 2-Hexanone	10.969	43	87604	55.02	ug/l		99
60) Dibromochloromethane	11.128	129	39012	10.87	ug/l		99
61) 1,2-Dibromoethane	11.237	107	33633	10.87	ug/l		97
64) Tetrachloroethene	10.866	164	42763	11.51	ug/l		98
65) Chlorobenzene	11.658	112	134682	11.58	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	45200	11.38	ug/l		98
67) Ethyl Benzene	11.731	91	255695	11.87	ug/l		100
68) m/p-Xylenes	11.841	106	187794	23.29	ug/l		97
69) o-Xylene	12.164	106	86133	11.45	ug/l		98
70) Styrene	12.182	104	141612	11.06	ug/l		99
71) Bromoform	12.347	173	20696	10.46	ug/l	#	99
73) Isopropylbenzene	12.463	105	238005	11.61	ug/l		99
74) N-amyl acetate	12.274	43	45410	10.66	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	41582	11.31	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	28572m	11.05	ug/l		
77) Bromobenzene	12.749	156	51631	11.46	ug/l		95
78) n-propylbenzene	12.804	91	303636	12.07	ug/l		100
79) 2-Chlorotoluene	12.890	91	169518	11.85	ug/l		97
80) 1,3,5-Trimethylbenzene	12.944	105	203647	11.66	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	11313	10.33	ug/l		94
82) 4-Chlorotoluene	12.987	91	179264	11.78	ug/l		99
83) tert-Butylbenzene	13.207	119	171137	11.59	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	201561	11.61	ug/l		99
85) sec-Butylbenzene	13.383	105	260910	11.93	ug/l		99
86) p-Isopropyltoluene	13.499	119	220661	11.66	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	108151	11.75	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	104321	11.42	ug/l		97
89) n-Butylbenzene	13.822	91	223559	12.00	ug/l		99
90) Hexachloroethane	14.091	117	33144	11.17	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	93986	11.50	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6394	10.85	ug/l		99
93) 1,2,4-Trichlorobenzene	15.133	180	68247	12.39	ug/l		93
94) Hexachlorobutadiene	15.237	225	35486	11.23	ug/l		91
95) Naphthalene	15.365	128	110572	11.08	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	54577	11.48	ug/l		98

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

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

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