Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
Data File : VD068661.D
Acq On : 19 Mar 2021 12:41
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
3/22/2021 11:36:51 AM

Quant Time: Mar 20 01:56:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 01:51:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	328053	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	575217	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	514399	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	241101	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	15819	4.75	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 9.50%#				
35) Dibromofluoromethane	7.914	113	16104	4.45	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 8.90%#				
50) Toluene-d8	10.338	98	60813	4.36	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 8.72%#				
62) 4-Bromofluorobenzene	12.626	95	20087	4.45	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 8.90%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	15859	6.18	ug/l		89
3) Chloromethane	2.209	50	19095	6.02	ug/l		95
4) Vinyl Chloride	2.350	62	21132	5.54	ug/l		96
5) Bromomethane	2.774	94	17628	6.34	ug/l		87
6) Chloroethane	2.927	64	14132	5.73	ug/l		99
7) Trichlorofluoromethane	3.274	101	25672	5.75	ug/l		95
8) Diethyl Ether	3.709	74	5519	4.30	ug/l		85
9) 1,1,2-Trichlorotrifluo...	4.103	101	14101	5.14	ug/l		100
10) Methyl Iodide	4.303	142	11534	4.09	ug/l		100
11) Tert butyl alcohol	5.215	59	3644	22.74	ug/l	#	73
12) 1,1-Dichloroethene	4.068	96	13046	4.84	ug/l		86
13) Acrolein	3.921	56	3290	22.55	ug/l	#	81
14) Allyl chloride	4.721	41	15710	4.83	ug/l		97
15) Acrylonitrile	5.426	53	13238	21.19	ug/l		95
16) Acetone	4.156	43	10811	25.75	ug/l		96
17) Carbon Disulfide	4.415	76	45845	5.39	ug/l		96
18) Methyl Acetate	4.726	43	5142	4.51	ug/l		91
19) Methyl tert-butyl Ether	5.479	73	28603	4.23	ug/l		95
20) Methylene Chloride	4.962	84	34414	7.62	ug/l		93
21) trans-1,2-Dichloroethene	5.468	96	17992	4.90	ug/l		97
22) Diisopropyl ether	6.362	45	35810	4.32	ug/l		94
23) Vinyl Acetate	6.309	43	89812	20.64	ug/l		98
24) 1,1-Dichloroethane	6.262	63	29292	4.83	ug/l		97
25) 2-Butanone	7.220	43	15479	22.44	ug/l		93
26) 2,2-Dichloropropane	7.209	77	27690	5.21	ug/l		94
27) cis-1,2-Dichloroethene	7.209	96	19578	4.74	ug/l		98
28) Bromochloromethane	7.550	49	12834	5.64	ug/l		90
29) Tetrahydrofuran	7.562	42	9494	21.70	ug/l		95
30) Chloroform	7.709	83	31834	4.85	ug/l		86
31) Cyclohexane	7.979	56	30632	5.60	ug/l	#	90
32) 1,1,1-Trichloroethane	7.903	97	28764	4.94	ug/l		95
36) 1,1-Dichloropropene	8.109	75	25917	4.88	ug/l		98
37) Ethyl Acetate	7.303	43	7268	4.33	ug/l	#	94
38) Carbon Tetrachloride	8.091	117	26068	4.96	ug/l		91
39) Methylcyclohexane	9.350	83	30025	4.60	ug/l		98
40) Benzene	8.350	78	72001	4.65	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	3764	3.89	ug/l	#	78
42) 1,2-Dichloroethane	8.420	62	18173	4.45	ug/l		98
43) Isopropyl Acetate	8.450	43	13503	4.22	ug/l		97
44) Trichloroethene	9.109	130	21290	4.99	ug/l		84
45) 1,2-Dichloropropane	9.391	63	17041	4.58	ug/l	#	83
46) Dibromomethane	9.473	93	9914	4.80	ug/l		94
47) Bromodichloromethane	9.661	83	26194	4.91	ug/l		87
48) Methyl methacrylate	9.461	41	6713	4.09	ug/l		93
49) 1,4-Dioxane	9.467	88	2040	86.22	ug/l		94
51) 4-Methyl-2-Pentanone	10.226	43	34894	20.89	ug/l		95
52) Toluene	10.403	92	43951	4.49	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	21799	4.42	ug/l		89
54) cis-1,3-Dichloropropene	10.091	75	26923	4.57	ug/l		94
55) 1,1,2-Trichloroethane	10.803	97	13813	4.70	ug/l	#	89
56) Ethyl methacrylate	10.667	69	12268	3.84	ug/l		95
57) 1,3-Dichloropropane	10.944	76	20330	4.16	ug/l		92
58) 2-Chloroethyl Vinyl ether	9.944	63	35631	22.16	ug/l		98
59) 2-Hexanone	10.985	43	23790	21.33	ug/l		96
60) Dibromochloromethane	11.138	129	16767	4.56	ug/l		98
61) 1,2-Dibromoethane	11.244	107	13163	4.65	ug/l		98
64) Tetrachloroethene	10.873	164	17805	5.19	ug/l		92
65) Chlorobenzene	11.673	112	48832	4.66	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.744	131	18144	4.82	ug/l		100
67) Ethyl Benzene	11.744	91	81259	4.47	ug/l		99
68) m/p-Xylenes	11.850	106	62931	8.94	ug/l		100
69) o-Xylene	12.179	106	29399	4.56	ug/l		98
70) Styrene	12.197	104	46162	4.09	ug/l		97
71) Bromoform	12.361	173	8766	4.40	ug/l	#	97
73) Isopropylbenzene	12.479	105	77737	4.60	ug/l		99
74) N-amyl acetate	12.285	43	11651	4.08	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	14636	4.82	ug/l		100
76) 1,2,3-Trichloropropane	12.785	75	9752m	4.79	ug/l		
77) Bromobenzene	12.761	156	19197	4.83	ug/l		98
78) n-propylbenzene	12.820	91	91053	4.53	ug/l		99
79) 2-Chlorotoluene	12.902	91	50928	4.59	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	60817	4.43	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	4107	4.45	ug/l		93
82) 4-Chlorotoluene	13.002	91	55597	4.72	ug/l		99
83) tert-Butylbenzene	13.220	119	50958	4.36	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	60793	4.27	ug/l		100
85) sec-Butylbenzene	13.397	105	77024	4.53	ug/l		98
86) p-Isopropyltoluene	13.514	119	68231	4.45	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	38296	4.85	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	37541	4.77	ug/l		91
89) n-Butylbenzene	13.838	91	66475	4.55	ug/l		97
90) Hexachloroethane	14.108	117	14340	5.38	ug/l		96
91) 1,2-Dichlorobenzene	13.885	146	32421	4.79	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1822	4.07	ug/l		95
93) 1,2,4-Trichlorobenzene	15.161	180	21206	4.92	ug/l		93
94) Hexachlorobutadiene	15.267	225	12049	4.81	ug/l		98
95) Naphthalene	15.396	128	31711	4.12	ug/l		98
96) 1,2,3-Trichlorobenzene	15.591	180	16051	4.26	ug/l		94

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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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