Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060121\
Data File : VD069277.D
Acq On : 01 Jun 2021 11:50
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
MMDadoda
6/2/2021 6:46:21 PM

Quant Time: Jun 02 01:48:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 01:46:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	391409	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	654828	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	617175	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	299860	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	44713	11.91	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 23.82%#				
35) Dibromofluoromethane	7.920	113	46888	11.40	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 22.80%#				
50) Toluene-d8	10.338	98	167988	11.23	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 22.46%#				
62) 4-Bromofluorobenzene	12.626	95	53982	11.02	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 22.04%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	42474	10.31	ug/l		90
3) Chloromethane	2.209	50	33128	10.65	ug/l		100
4) Vinyl Chloride	2.350	62	31557	9.96	ug/l		99
5) Bromomethane	2.767	94	24172	10.46	ug/l		94
6) Chloroethane	2.920	64	19680	10.88	ug/l		97
7) Trichlorofluoromethane	3.273	101	79536	10.79	ug/l		98
8) Diethyl Ether	3.714	74	17200	9.50	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.091	101	46368	10.68	ug/l		96
10) Methyl Iodide	4.309	142	33260	8.45	ug/l	#	94
11) Tert butyl alcohol	5.238	59	17481m	58.87	ug/l		
12) 1,1-Dichloroethene	4.067	96	39554	10.08	ug/l		95
13) Acrolein	3.932	56	9300	42.15	ug/l	#	78
14) Allyl chloride	4.720	41	46224	9.76	ug/l		98
15) Acrylonitrile	5.420	53	33551	47.53	ug/l		94
16) Acetone	4.156	43	36377	55.50	ug/l		97
17) Carbon Disulfide	4.409	76	130371	10.04	ug/l		96
18) Methyl Acetate	4.726	43	16802	9.47	ug/l		99
19) Methyl tert-butyl Ether	5.479	73	66469	9.22	ug/l		99
20) Methylene Chloride	4.961	84	73850	12.13	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	45885	9.87	ug/l		87
22) Diisopropyl ether	6.367	45	86512	9.51	ug/l	#	91
23) Vinyl Acetate	6.308	43	230148	45.15	ug/l		100
24) 1,1-Dichloroethane	6.261	63	80548	10.58	ug/l		97
25) 2-Butanone	7.214	43	39677	46.01	ug/l	#	86
26) 2,2-Dichloropropane	7.203	77	71495	10.19	ug/l		100
27) cis-1,2-Dichloroethene	7.208	96	49066	9.96	ug/l		98
28) Bromochloromethane	7.555	49	26891	10.19	ug/l		96
29) Tetrahydrofuran	7.561	42	23832	48.08	ug/l		95
30) Chloroform	7.708	83	86600	10.41	ug/l		99
31) Cyclohexane	7.985	56	59251	9.93	ug/l	#	89
32) 1,1,1-Trichloroethane	7.908	97	78009	10.39	ug/l		98
36) 1,1-Dichloropropene	8.114	75	61447	9.65	ug/l		96
37) Ethyl Acetate	7.297	43	22750	10.53	ug/l	#	93
38) Carbon Tetrachloride	8.097	117	69282	10.08	ug/l		91
39) Methylcyclohexane	9.355	83	56992	8.75	ug/l		96
40) Benzene	8.350	78	185847	10.05	ug/l		98

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41) Methacrylonitrile	7.520	41	8182	8.17	ug/l		94
42) 1,2-Dichloroethane	8.426	62	50593	10.26	ug/l		100
43) Isopropyl Acetate	8.455	43	36565	9.30	ug/l		98
44) Trichloroethene	9.114	130	49535	9.86	ug/l		91
45) 1,2-Dichloropropane	9.391	63	43633	9.91	ug/l		100
46) Dibromomethane	9.467	93	25577	10.17	ug/l		97
47) Bromodichloromethane	9.661	83	66191	10.20	ug/l		99
48) Methyl methacrylate	9.461	41	16373	8.97	ug/l		87
49) 1,4-Dioxane	9.461	88	4222	170.85	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.226	43	94700	46.62	ug/l		96
52) Toluene	10.402	92	112580	9.65	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	57687	9.96	ug/l	#	88
54) cis-1,3-Dichloropropene	10.091	75	67545	9.78	ug/l		96
55) 1,1,2-Trichloroethane	10.796	97	35082	10.05	ug/l		95
56) Ethyl methacrylate	10.661	69	30333	8.45	ug/l		97
57) 1,3-Dichloropropane	10.944	76	55042	9.73	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	77398	47.37	ug/l		96
59) 2-Hexanone	10.985	43	63296	46.61	ug/l		95
60) Dibromochloromethane	11.138	129	45834	10.42	ug/l		96
61) 1,2-Dibromoethane	11.243	107	33473	10.06	ug/l		100
64) Tetrachloroethene	10.879	164	44144	10.28	ug/l		91
65) Chlorobenzene	11.667	112	126001	9.99	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	48713	10.31	ug/l		99
67) Ethyl Benzene	11.743	91	206545	9.53	ug/l		100
68) m/p-Xylenes	11.855	106	160561	18.91	ug/l		99
69) o-Xylene	12.179	106	66800	8.90	ug/l		97
70) Styrene	12.191	104	119316	9.15	ug/l		99
71) Bromoform	12.355	173	24256	9.90	ug/l	#	99
73) Isopropylbenzene	12.473	105	183236	8.93	ug/l		100
74) N-amyl acetate	12.285	43	32910	9.08	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	38753	10.12	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	25422m	10.14	ug/l		
77) Bromobenzene	12.755	156	47574	9.63	ug/l		100
78) n-propylbenzene	12.814	91	230273	9.15	ug/l		99
79) 2-Chlorotoluene	12.902	91	135357	9.46	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	160471	9.23	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	10557	8.98	ug/l		89
82) 4-Chlorotoluene	13.002	91	144077	9.57	ug/l		99
83) tert-Butylbenzene	13.220	119	131684	9.05	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	160941	9.31	ug/l		99
85) sec-Butylbenzene	13.396	105	199807	9.30	ug/l		100
86) p-Isopropyltoluene	13.508	119	173310	9.23	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	98934	9.89	ug/l		100
88) 1,4-Dichlorobenzene	13.590	146	100915	10.12	ug/l		96
89) n-Butylbenzene	13.837	91	160236	9.12	ug/l		97
90) Hexachloroethane	14.102	117	35873	10.05	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	85756	9.95	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	5950	9.75	ug/l		97
93) 1,2,4-Trichlorobenzene	15.155	180	49213	9.52	ug/l		97
94) Hexachlorobutadiene	15.255	225	32276	9.94	ug/l		96
95) Naphthalene	15.390	128	77513	8.50	ug/l		97
96) 1,2,3-Trichlorobenzene	15.584	180	40793	8.96	ug/l		97

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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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