Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060821\
Data File : BM030316.D
Acq On : 08 Jun 2021 09:35
Operator : CG/JU
Sample : M2250-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-QT3-2021-06

Quant Time: Jun 08 10:12:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 08 09:51:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	177051	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	764605	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	503222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.209	188	1042951	20.000	ng/ul	0.00
79) Chrysene-d12	21.368	240	1006033	20.000	ng/ul	0.00
88) Perylene-d12	23.650	264	922714	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	22206	4.789	ng/uL	0.00
4) Pyridine-d5	3.734	84	173785	14.264	ng/ul	0.00
7) Phenol-d5	7.004	99	313931	20.401	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	222628	22.416	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	256143	23.017	ng/ul	0.00
15) 4-Methylphenol-d8	8.545	113	248411	20.213	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	116422	22.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	115574	22.234	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	244575	21.600	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	346894	20.041	ng/ul	0.00
46) Dimethylphthalate-d6	13.880	166	788661	22.837	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	990434	22.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	124370	19.240	ng/ul	0.00
60) Fluorene-d10	15.463	176	715209	23.133	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	101049	16.785	ng/ul	0.00
73) Anthracene-d10	17.304	188	1074723	22.656	ng/ul	0.00
81) Pyrene-d10	19.586	212	1175998	22.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.503	264	1125154	24.454	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	6570	1.398	ng/uL	97
5) Pyridine	3.757	79	51357	3.993	ng/ul#	78
6) Benzaldehyde	6.992	77	43947	6.094	ng/ul	97
8) Phenol	7.034	94	68785	4.413	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	58990	4.688	ng/ul	97
12) 2-Chlorophenol	7.416	128	54562	4.753	ng/ul	99
13) 2-Methylphenol	8.287	108	46370	4.001	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	92873	4.582	ng/ul	98
16) Acetophenone	8.669	105	87622	4.509	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	42386	4.488	ng/ul	94
18) 4-Methylphenol	8.604	108	54831	4.291	ng/ul	96
19) Hexachloroethane	8.928	117	21964	4.522	ng/ul	95
22) Nitrobenzene	9.045	77	66009	4.913	ng/ul	97
23) Isophorone	9.569	82	105730	4.304	ng/ul	99
25) 2-Nitrophenol	9.757	139	27486	4.773	ng/ul	97
26) 2,4-Dimethylphenol	9.810	107	59754	4.584	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.051	93	75242	4.600	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	52986	4.805	ng/ul	92
30) Naphthalene	10.686	128	188235	4.857	ng/ul	99
32) 4-Chloroaniline	10.798	127	77441	4.470	ng/ul	98
33) Hexachlorobutadiene	10.980	225	35623	5.077	ng/ul	94
34) Caprolactam	11.586	113	13307	3.769	ng/ul	91
35) 4-Chloro-3-methylphenol	11.910	107	47289	4.214	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	132264	4.797	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	131752	4.708	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	70466	4.817	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	37119	4.015	ng/ul	99
41) 2,4,6-Trichlorophenol	12.904	196	34779	3.957	ng/ul	96
42) 2,4,5-Trichlorophenol	12.969	196	40350	4.214	ng/ul	96
43) 1,1'-Biphenyl	13.310	154	174711	4.765	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	135684	4.795	ng/ul	99
45) 2-Nitroaniline	13.551	65	26610	3.762	ng/ul	96
47) Dimethylphthalate	13.927	163	165831	4.916	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	23988	3.968	ng/ul	95
50) Acenaphthylene	14.192	152	202340	4.910	ng/ul	99
51) 3-Nitroaniline	14.374	138	25549	3.707	ng/ul	98
52) Acenaphthene	14.539	153	146079	4.772	ng/ul	99
53) 2,4-Dinitrophenol	14.574	184	19944	4.944	ng/ul	97
55) 4-Nitrophenol	14.663	109	22087	4.361	ng/ul	93
56) Dibenzofuran	14.868	168	206704	4.853	ng/ul	100
57) 2,4-Dinitrotoluene	14.827	165	35323	4.131	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.092	232	33337	4.350	ng/ul	95
59) Diethylphthalate	15.286	149	154467	4.640	ng/ul	99
61) Fluorene	15.515	166	170231	4.760	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.510	204	85479	4.963	ng/ul	98
63) 4-Nitroaniline	15.533	138	24633	3.817	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.586	198	23811	3.989	ng/ul#	84
67) N-Nitrosodiphenylamine	15.721	169	139451	4.539	ng/ul	97
68) 4-Bromophenyl-phenylether	16.404	248	46927	4.626	ng/ul	97
69) Hexachlorobenzene	16.515	284	54520	4.728	ng/ul	98
70) Atrazine	16.668	200	42198	3.827	ng/ul	100
71) Pentachlorophenol	16.857	266	29257	4.141	ng/ul	95
72) Phenanthrene	17.251	178	263535	4.673	ng/ul	99
74) Anthracene	17.339	178	267915	4.707	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.274	216	69441	4.627	ng/uL	97
76) Pentachlorobenzene	14.792	250	67435	4.666	ng/uL	99
77) Carbazole	17.604	167	216028	4.274	ng/ul	98
78) Di-n-butylphthalate	18.168	149	216046	4.081	ng/ul	99
80) Fluoranthene	19.256	202	290318	4.487	ng/ul	99
82) Pyrene	19.615	202	320438	4.683	ng/ul	99
83) Butylbenzylphthalate	20.509	149	78188	3.641	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.286	252	66248	3.641	ng/ul	99
85) Benzo(a)anthracene	21.350	228	286832	4.719	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	111813	3.432	ng/ul	99
87) Chrysene	21.403	228	288107	4.807	ng/ul	99
89) Di-n-octyl phthalate	22.168	149	179559	3.021	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	271613	4.579	ng/ul	97
91) Benzo(k)fluoranthene	23.003	252	262679	4.637	ng/ul	99
93) Benzo(a)pyrene	23.550	252	247218	4.769	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.968	276	272107	4.265	ng/ul	99
95) Dibenzo(a,h)anthracene	25.974	278	225725	4.202	ng/ul	99
96) Benzo(g,h,i)perylene	26.674	276	225505	4.301	ng/ul	99

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

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