Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021623\
Data File : BM038766.D
Acq On : 16 Feb 2023 20:41
Operator : CG/JU
Sample : 01562-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BU-3-021523MS

Quant Time: Feb 17 06:12:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 06:10:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	56787	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	231902	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	152375	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	321117	20.000	ng	# 0.00
76) Chrysene-d12	21.480	240	322898	20.000	ng	0.00
86) Perylene-d12	23.868	264	305520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	382113	131.813	ng	0.00
7) Phenol-d6	7.093	99	483667	146.287	ng	0.00
23) Nitrobenzene-d5	9.092	82	284462	69.674	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	257711	124.431	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	829917	69.340	ng	0.00
79) Terphenyl-d14	19.921	244	1500484	82.003	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	40499	31.690	ng	94
3) Pyridine	3.722	79	104123m	34.263	ng	
4) n-Nitrosodimethylamine	3.634	42	54317	39.592	ng	81
6) Aniline	7.246	93	156650	37.983	ng	93
8) 2-Chlorophenol	7.475	128	193385	61.135	ng	96
9) Benzaldehyde	7.051	77	81189	55.714	ng	94
10) Phenol	7.122	94	213203	63.830	ng	87
11) bis(2-Chloroethyl)ether	7.340	93	151327	55.943	ng	95
12) 1,3-Dichlorobenzene	7.798	146	210354	52.048	ng	98
13) 1,4-Dichlorobenzene	7.946	146	218899	53.667	ng	97
14) 1,2-Dichlorobenzene	8.263	146	211458	54.115	ng	98
15) Benzyl Alcohol	8.169	79	132274m	54.355	ng	
16) 2,2'-oxybis(1-Chloropr...	8.440	45	123257	48.106	ng	98
17) 2-Methylphenol	8.375	107	151399	59.093	ng	93
18) Hexachloroethane	8.987	117	72992	55.412	ng	95
19) n-Nitroso-di-n-propyla...	8.734	70	107898	54.140	ng	92
20) 3+4-Methylphenols	8.704	107	205506	60.161	ng	95
22) Acetophenone	8.751	105	252922	45.733	ng	96
24) Nitrobenzene	9.134	77	178103	42.979	ng	92
25) Isophorone	9.657	82	316291	44.223	ng	98
26) 2-Nitrophenol	9.845	139	114282	49.560	ng	95
27) 2,4-Dimethylphenol	9.910	122	176167	52.951	ng	95
28) bis(2-Chloroethoxy)met...	10.145	93	201810	46.171	ng	96
29) 2,4-Dichlorophenol	10.381	162	220044	46.553	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	208721	41.512	ng	98
31) Naphthalene	10.775	128	577080	48.493	ng	98
32) Benzoic acid	10.081	122	148880	55.280	ng	90
33) 4-Chloroaniline	10.904	127	93935	18.011	ng	95
34) Hexachlorobutadiene	11.045	225	111072	44.099	ng	98
35) Caprolactam	11.716	113	55223m	54.248	ng	
36) 4-Chloro-3-methylphenol	12.033	107	176278	50.436	ng	98
37) 2-Methylnaphthalene	12.386	142	440249	45.780	ng	99
38) 1-Methylnaphthalene	12.604	142	410446	45.295	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	193106	48.695	ng	99
41) Hexachlorocyclopentadiene	12.722	237	177502	72.132	ng	97
43) 2,4,6-Trichlorophenol	13.004	196	155313	49.853	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	165687	45.193	ng	94
46) 1,1'-Biphenyl	13.398	154	605287	50.147	ng	98
47) 2-Chloronaphthalene	13.439	162	478393	50.368	ng	96
48) 2-Nitroaniline	13.657	65	99793	46.621	ng	94
49) Acenaphthylene	14.286	152	770818	51.526	ng	99
50) Dimethylphthalate	14.027	163	586935	47.202	ng	99
51) 2,6-Dinitrotoluene	14.157	165	125663	49.722	ng	95
52) Acenaphthene	14.627	154	449887	50.365	ng	99
53) 3-Nitroaniline	14.486	138	114992	43.627	ng	99
54) 2,4-Dinitrophenol	14.698	184	105101	63.891	ng	93
55) Dibenzofuran	14.963	168	731580	47.560	ng	96
56) 4-Nitrophenol	14.804	139	248696	122.695	ng	95
57) 2,4-Dinitrotoluene	14.945	165	178919	47.978	ng	97
58) Fluorene	15.610	166	603612	49.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	136616	53.541	ng	97
60) Diethylphthalate	15.386	149	611736	51.930	ng	97
61) 4-Chlorophenyl-phenyle...	15.604	204	258980	50.157	ng	99
62) 4-Nitroaniline	15.651	138	138955m	51.051	ng	
63) Azobenzene	15.892	77	538939	59.465	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	59491	29.429	ng	94
66) n-Nitrosodiphenylamine	15.821	169	501155	47.797	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	156149	50.361	ng	94
68) Hexachlorobenzene	16.610	284	200548	52.924	ng	97
69) Atrazine	16.774	200	166154	54.675	ng	98
70) Pentachlorophenol	16.957	266	278707	100.896	ng	98
71) Phenanthrene	17.351	178	997617	52.322	ng	99
72) Anthracene	17.439	178	989232	50.715	ng	99
73) Carbazole	17.715	167	950395	52.243	ng	97
74) Di-n-butylphthalate	18.268	149	1194536	58.120	ng	100
75) Fluoranthene	19.362	202	1220388	60.960	ng	99
77) Benzidine	19.557	184	320288	33.988	ng	99
78) Pyrene	19.721	202	1272901	51.203	ng	100
80) Butylbenzylphthalate	20.615	149	608463	49.117	ng	100
81) Benzo(a)anthracene	21.468	228	1253909	54.898	ng	99
82) 3,3'-Dichlorobenzidine	21.403	252	208280	26.505	ng	97
83) Chrysene	21.521	228	1155570	52.509	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	932499	51.663	ng	98
85) Di-n-octyl phthalate	22.298	149	1609471	55.001	ng	99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1209730	50.270	ng	100
88) Benzo(b)fluoranthene	23.145	252	1110919	60.708	ng	99
89) Benzo(k)fluoranthene	23.192	252	1116892	60.104	ng	100
90) Benzo(a)pyrene	23.762	252	938192	51.844	ng	99
91) Dibenzo(a,h)anthracene	26.374	278	1028821	50.815	ng	98
92) Benzo(g,h,i)perylene	27.133	276	909504	44.440	ng	99

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

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