Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
Data File : BM045753.D
Acq On : 23 May 2024 14:48
Operator : MA/JU
Sample : PB160904BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB160904BS

Quant Time: May 24 02:53:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 04:12:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	329592	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	1458310	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	904037	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1948022	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1579335	20.000	ng	0.00
86) Perylene-d12	23.950	264	1761851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	1839347	99.497	ng	0.00
7) Phenol-d6	6.840	99	2359390	95.065	ng	0.00
23) Nitrobenzene-d5	8.728	82	2248831	83.885	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	903271	94.333	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4735700	84.193	ng	0.00
79) Terphenyl-d14	19.586	244	7371200	85.903	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	261526	34.083	ng	99
3) Pyridine	3.593	79	678150	32.267	ng	99
4) n-Nitrosodimethylamine	3.499	42	516903	43.596	ng	99
6) Aniline	6.940	93	999426	42.103	ng	98
8) 2-Chlorophenol	7.169	128	1015731	50.169	ng	99
9) Benzaldehyde	6.740	77	187474	12.400	ng	99
10) Phenol	6.863	94	1226033	48.881	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	961373	44.225	ng	99
12) 1,3-Dichlorobenzene	7.451	146	1008829	41.810	ng	98
13) 1,4-Dichlorobenzene	7.598	146	1016305	41.765	ng	98
14) 1,2-Dichlorobenzene	7.916	146	987077	43.415	ng	100
15) Benzyl Alcohol	7.851	79	914663	47.192	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1553385	46.041	ng	100
17) 2-Methylphenol	8.075	107	855764	49.218	ng	98
18) Hexachloroethane	8.628	117	399766	42.322	ng	98
19) n-Nitroso-di-n-propyla...	8.398	70	740055	42.412	ng	97
20) 3+4-Methylphenols	8.410	107	1091982	47.164	ng	98
22) Acetophenone	8.404	105	1401707	41.560	ng	98
24) Nitrobenzene	8.769	77	1159533	42.527	ng	98
25) Isophorone	9.304	82	2124267	42.568	ng	99
26) 2-Nitrophenol	9.475	139	532357	44.501	ng	98
27) 2,4-Dimethylphenol	9.581	122	975426	64.085	ng	100
28) bis(2-Chloroethoxy)met...	9.781	93	1342881	43.704	ng	99
29) 2,4-Dichlorophenol	10.022	162	1001487	48.115	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	990589	42.028	ng	100
31) Naphthalene	10.381	128	3001794	41.548	ng	100
32) Benzoic acid	9.816	122	588935	41.920	ng	98
33) 4-Chloroaniline	10.551	127	729120	26.437	ng	99
34) Hexachlorobutadiene	10.669	225	582517	40.312	ng	99
35) Caprolactam	11.422	113	318076m	47.249	ng	
36) 4-Chloro-3-methylphenol	11.704	107	1053867	44.527	ng	98
37) 2-Methylnaphthalene	11.998	142	2090983	41.548	ng	100
38) 1-Methylnaphthalene	12.222	142	1978756	39.851	ng	99
40) 1,2,4,5-Tetrachloroben...	12.369	216	1023983	43.921	ng	98
41) Hexachlorocyclopentadiene	12.357	237	1465815	150.219	ng	99
43) 2,4,6-Trichlorophenol	12.645	196	779522	49.543	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	831834	47.501	ng	99
46) 1,1'-Biphenyl	13.033	154	2677308	43.935	ng	99
47) 2-Chloronaphthalene	13.063	162	2057666	43.146	ng	99
48) 2-Nitroaniline	13.316	65	767803	51.023	ng	99
49) Acenaphthylene	13.921	152	3315625	45.850	ng	100
50) Dimethylphthalate	13.698	163	2792320	45.662	ng	100
51) 2,6-Dinitrotoluene	13.804	165	607317	46.273	ng	97
52) Acenaphthene	14.263	154	2023354	44.635	ng	99
53) 3-Nitroaniline	14.157	138	458595	34.258	ng	97
54) 2,4-Dinitrophenol	14.339	184	717068	93.846	ng	98
55) Dibenzofuran	14.604	168	3149084	44.067	ng	99
56) 4-Nitrophenol	14.539	139	1164845	102.349	ng	99
57) 2,4-Dinitrotoluene	14.592	165	812794	46.634	ng	97
58) Fluorene	15.251	166	2568814	43.981	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.851	232	732864	50.363	ng	100
60) Diethylphthalate	15.063	149	2847478	44.563	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1259652	44.070	ng	97
62) 4-Nitroaniline	15.333	138	619472	46.588	ng	96
63) Azobenzene	15.545	77	2788351	45.035	ng	98
65) 4,6-Dinitro-2-methylph...	15.351	198	454667	46.743	ng	95
66) n-Nitrosodiphenylamine	15.480	169	2276191	45.641	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	818077	44.200	ng	98
68) Hexachlorobenzene	16.245	284	941923	42.723	ng	99
69) Atrazine	16.451	200	869869	57.121	ng	98
70) Pentachlorophenol	16.615	266	1233430	91.705	ng	99
71) Phenanthrene	16.986	178	4162805	45.275	ng	99
72) Anthracene	17.074	178	4120202	45.579	ng	100
73) Carbazole	17.368	167	3997911	44.198	ng	99
74) Di-n-butylphthalate	17.933	149	5032745	44.807	ng	100
75) Fluoranthene	19.003	202	4801844	42.831	ng	99
77) Benzidine	19.221	184	1308252	48.509	ng	100
78) Pyrene	19.368	202	4992732	44.814	ng	100
80) Butylbenzylphthalate	20.292	149	2272533	47.091	ng	99
81) Benzo(a)anthracene	21.145	228	4564027	45.372	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	1376365	39.926	ng	100
83) Chrysene	21.203	228	4161983	44.111	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	3113958	45.954	ng	99
85) Di-n-octyl phthalate	22.150	149	5544791	46.920	ng	100
87) Indeno(1,2,3-cd)pyrene	27.050	276	4856643	47.907	ng	100
88) Benzo(b)fluoranthene	23.080	252	4748684	47.529	ng	99
89) Benzo(k)fluoranthene	23.139	252	4524748	47.713	ng	100
90) Benzo(a)pyrene	23.821	252	4040680	46.542	ng	99
91) Dibenzo(a,h)anthracene	27.103	278	4082755	48.617	ng	99
92) Benzo(g,h,i)perylene	28.021	276	4045873	46.444	ng	99

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

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