Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039087.D
Acq On : 22 Mar 2023 11:38
Operator : CG/JU
Sample : PB151573BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151573BSD

Quant Time: Mar 23 04:20:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	416221	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1689846	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	961688	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1777148	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1107324	20.000	ng	0.00
86) Perylene-d12	23.962	264	1058959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3195332	116.636	ng	0.00
7) Phenol-d6	7.134	99	4127582	115.994	ng	0.00
23) Nitrobenzene-d5	9.140	82	2391676	69.522	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1235361	111.042	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5082256	68.796	ng	0.00
79) Terphenyl-d14	19.974	244	5101169	84.227	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	490861	40.275	ng	99
3) Pyridine	3.793	79	1292823	38.248	ng	99
4) n-Nitrosodimethylamine	3.705	42	553143	40.215	ng	93
6) Aniline	7.293	93	1898439	40.632	ng	99
8) 2-Chlorophenol	7.534	128	1567903	53.757	ng	97
9) Benzaldehyde	7.098	77	566628	33.463	ng	99
10) Phenol	7.163	94	2015026	53.324	ng	97
11) bis(2-Chloroethyl)ether	7.393	93	1475113	48.013	ng	98
12) 1,3-Dichlorobenzene	7.857	146	1511926	48.779	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1548840	49.133	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1488338	49.014	ng	99
15) Benzyl Alcohol	8.216	79	1334817	52.335	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1890067	48.711	ng	99
17) 2-Methylphenol	8.416	107	1311808	50.535	ng	99
18) Hexachloroethane	9.051	117	589858	50.715	ng	96
19) n-Nitroso-di-n-propyla...	8.787	70	1149891	51.304	ng	97
20) 3+4-Methylphenols	8.745	107	1776132	51.243	ng	98
22) Acetophenone	8.798	105	2222691	46.881	ng	98
24) Nitrobenzene	9.181	77	1661078	45.939	ng	97
25) Isophorone	9.710	82	3122756	49.328	ng	100
26) 2-Nitrophenol	9.892	139	830244	51.752	ng	95
27) 2,4-Dimethylphenol	9.957	122	1468301	53.230	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	2010352	49.423	ng	99
29) 2,4-Dichlorophenol	10.428	162	1412659	54.017	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1389561	48.623	ng	99
31) Naphthalene	10.834	128	4445233	46.132	ng	99
32) Benzoic acid	10.122	122	1097850	53.499	ng	97
33) 4-Chloroaniline	10.939	127	836547	20.371	ng	99
34) Hexachlorobutadiene	11.116	225	784554	47.873	ng	99
35) Caprolactam	11.745	113	418526	52.582	ng	97
36) 4-Chloro-3-methylphenol	12.069	107	1451015	52.105	ng	99
37) 2-Methylnaphthalene	12.439	142	3056459	47.325	ng	99
38) 1-Methylnaphthalene	12.657	142	2838451	46.898	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1478473	47.290	ng	99
41) Hexachlorocyclopentadiene	12.786	237	2128017	124.003	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	1053561	52.040	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1130607	47.711	ng	97
46) 1,1'-Biphenyl	13.445	154	3880239	47.627	ng	99
47) 2-Chloronaphthalene	13.486	162	3007935	48.961	ng	99
48) 2-Nitroaniline	13.692	65	919411	46.800	ng	94
49) Acenaphthylene	14.333	152	4682894	47.854	ng	100
50) Dimethylphthalate	14.069	163	3526479	47.655	ng	99
51) 2,6-Dinitrotoluene	14.186	165	773366	47.270	ng	97
52) Acenaphthene	14.674	154	2767616	46.020	ng	99
53) 3-Nitroaniline	14.516	138	517909	27.764	ng	95
54) 2,4-Dinitrophenol	14.722	184	954726	100.101	ng	91
55) Dibenzofuran	15.010	168	4342938	46.147	ng	99
56) 4-Nitrophenol	14.827	139	1390095	94.584	ng	96
57) 2,4-Dinitrotoluene	14.974	165	1027947	47.740	ng	96
58) Fluorene	15.657	166	3386928	45.944	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	904362	49.485	ng	98
60) Diethylphthalate	15.427	149	3474162	48.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1689882	46.661	ng	98
62) 4-Nitroaniline	15.680	138	797657	41.218	ng	98
63) Azobenzene	15.939	77	3596468	47.205	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	558181	47.815	ng	95
66) n-Nitrosodiphenylamine	15.863	169	2918984	48.722	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	981875	51.152	ng	99
68) Hexachlorobenzene	16.657	284	1105635	51.525	ng	99
69) Atrazine	16.815	200	917225	56.050	ng	98
70) Pentachlorophenol	17.004	266	1359351	86.130	ng	100
71) Phenanthrene	17.398	178	4802269	46.042	ng	100
72) Anthracene	17.486	178	4894694	47.057	ng	100
73) Carbazole	17.757	167	4297707	45.272	ng	99
74) Di-n-butylphthalate	18.321	149	5364073	46.390	ng	99
75) Fluoranthene	19.409	202	4615286	41.909	ng	99
77) Benzidine	19.592	184	2016582	76.654	ng	98
78) Pyrene	19.768	202	4752680	57.145	ng	100
80) Butylbenzylphthalate	20.662	149	1950872	54.671	ng	100
81) Benzo(a)anthracene	21.515	228	3855556	48.349	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	988995	40.354	ng	99
83) Chrysene	21.568	228	3623166	46.716	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2732363	53.157	ng	100
85) Di-n-octyl phthalate	22.374	149	4384317	51.380	ng	98
87) Indeno(1,2,3-cd)pyrene	26.497	276	3924629	48.705	ng	99
88) Benzo(b)fluoranthene	23.221	252	3429418	50.691	ng	99
89) Benzo(k)fluoranthene	23.268	252	3434284	48.778	ng	99
90) Benzo(a)pyrene	23.856	252	2998961	46.059	ng	100
91) Dibenzo(a,h)anthracene	26.515	278	3299541	48.352	ng	98
92) Benzo(g,h,i)perylene	27.280	276	3214426	48.146	ng	99

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

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