Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
Data File : BM039297.D
Acq On : 04 Apr 2023 14:30
Operator : CG/JU
Sample : PB151822BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151822BSD

Quant Time: Apr 04 17:40:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 17:03:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	330076	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1331494	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	736450	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1356947	20.000	ng	0.00
76) Chrysene-d12	21.492	240	902819	20.000	ng	0.00
86) Perylene-d12	23.903	264	819040	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3218607	146.911	ng	0.00
7) Phenol-d6	7.093	99	3964274	139.897	ng	0.00
23) Nitrobenzene-d5	9.087	82	2466913	90.048	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1178637	126.077	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4734786	87.110	ng	0.00
79) Terphenyl-d14	19.933	244	5272416	107.896	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	323913	36.171	ng	100
3) Pyridine	3.752	79	911764	36.344	ng	99
4) n-Nitrosodimethylamine	3.663	42	459991	46.687	ng	100
6) Aniline	7.240	93	1488970	42.454	ng	99
8) 2-Chlorophenol	7.481	128	1086444	48.451	ng	98
9) Benzaldehyde	7.051	77	643759	39.892	ng	99
10) Phenol	7.116	94	1396411	49.173	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1061438	46.462	ng	100
12) 1,3-Dichlorobenzene	7.804	146	1125128	47.313	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1139006	47.368	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1097975	47.753	ng	99
15) Benzyl Alcohol	8.163	79	945950	48.534	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	1387551	47.485	ng	100
17) 2-Methylphenol	8.369	107	893209	44.957	ng	99
18) Hexachloroethane	8.992	117	443499	47.681	ng	97
19) n-Nitroso-di-n-propyla...	8.734	70	802669	44.311	ng	99
20) 3+4-Methylphenols	8.698	107	1195412	44.776	ng	99
22) Acetophenone	8.745	105	1621695	45.552	ng	100
24) Nitrobenzene	9.128	77	1223980	44.918	ng	100
25) Isophorone	9.657	82	2170544	42.470	ng	100
26) 2-Nitrophenol	9.839	139	575758	45.708	ng	99
27) 2,4-Dimethylphenol	9.904	122	964908	46.104	ng	100
28) bis(2-Chloroethoxy)met...	10.139	93	1345958	43.505	ng	99
29) 2,4-Dichlorophenol	10.381	162	931616	45.623	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	989253	45.283	ng	100
31) Naphthalene	10.775	128	3124219	43.546	ng	99
32) Benzoic acid	10.081	122	726418	44.532	ng	97
33) 4-Chloroaniline	10.892	127	689937	21.950	ng	99
34) Hexachlorobutadiene	11.057	225	566617	44.109	ng	99
35) Caprolactam	11.698	113	296238	41.781	ng	96
36) 4-Chloro-3-methylphenol	12.022	107	964170	42.796	ng	97
37) 2-Methylnaphthalene	12.386	142	2001793	40.079	ng	99
38) 1-Methylnaphthalene	12.604	142	1871540	40.019	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1023823	45.661	ng	99
41) Hexachlorocyclopentadiene	12.727	237	1337029	109.149	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	688727	45.040	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	737484	41.139	ng	98
46) 1,1'-Biphenyl	13.398	154	2614185	44.951	ng	100
47) 2-Chloronaphthalene	13.439	162	2006564	45.569	ng	100
48) 2-Nitroaniline	13.651	65	648929	43.793	ng	99
49) Acenaphthylene	14.286	152	3125613	43.188	ng	99
50) Dimethylphthalate	14.027	163	2320781	40.891	ng	99
51) 2,6-Dinitrotoluene	14.145	165	518287	42.465	ng	96
52) Acenaphthene	14.627	154	1838949	43.032	ng	99
53) 3-Nitroaniline	14.474	138	388552	27.538	ng	96
54) 2,4-Dinitrophenol	14.686	184	664271	91.902	ng	99
55) Dibenzofuran	14.963	168	2884788	41.930	ng	99
56) 4-Nitrophenol	14.792	139	950354	87.346	ng	96
57) 2,4-Dinitrotoluene	14.933	165	709301	42.960	ng	94
58) Fluorene	15.610	166	2275010	41.759	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	619714	43.454	ng	100
60) Diethylphthalate	15.386	149	2301214	40.283	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1113871	41.255	ng	100
62) 4-Nitroaniline	15.639	138	561876	38.805	ng	98
63) Azobenzene	15.898	77	2430453	42.465	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	401785	45.008	ng	95
66) n-Nitrosodiphenylamine	15.821	169	1966500	45.990	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	648292	44.736	ng	98
68) Hexachlorobenzene	16.615	284	740215	47.109	ng	99
69) Atrazine	16.774	200	633403	46.770	ng	99
70) Pentachlorophenol	16.963	266	942399	83.596	ng	99
71) Phenanthrene	17.351	178	3273451	44.047	ng	100
72) Anthracene	17.445	178	3366501	44.425	ng	99
73) Carbazole	17.715	167	3093923	43.693	ng	100
74) Di-n-butylphthalate	18.274	149	3604635	41.152	ng	100
75) Fluoranthene	19.368	202	3258647	38.465	ng	99
77) Benzidine	19.556	184	1517326	63.718	ng	100
78) Pyrene	19.733	202	3374421	52.503	ng	100
80) Butylbenzylphthalate	20.627	149	1346423	45.728	ng	98
81) Benzo(a)anthracene	21.480	228	2829385	44.437	ng	100
82) 3,3'-Dichlorobenzidine	21.409	252	791168	37.300	ng	99
83) Chrysene	21.533	228	2655414	43.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.398	149	1822790	41.916	ng	100
85) Di-n-octyl phthalate	22.327	149	2870617	36.639	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2611138	43.269	ng	99
88) Benzo(b)fluoranthene	23.168	252	2425135	48.391	ng	100
89) Benzo(k)fluoranthene	23.215	252	2447390	47.943	ng	99
90) Benzo(a)pyrene	23.797	252	2098218	42.619	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	2179940	43.020	ng	99
92) Benzo(g,h,i)perylene	27.185	276	2164793	43.441	ng	100

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

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