Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039086.D
Acq On : 22 Mar 2023 11:01
Operator : CG/JU
Sample : PB151573BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151573BS

Quant Time: Mar 23 04:19:47 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	418686	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1708121	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	973757	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1739326	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1079588	20.000	ng	0.00
86) Perylene-d12	23.962	264	1057786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3171660	115.090	ng	0.00
7) Phenol-d6	7.134	99	4061853	113.475	ng	0.00
23) Nitrobenzene-d5	9.139	82	2376724	68.348	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	1189547	105.598	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5001695	66.867	ng	0.00
79) Terphenyl-d14	19.968	244	4803497	81.349	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	494937	40.370	ng	100
3) Pyridine	3.799	79	1290450	37.953	ng	99
4) n-Nitrosodimethylamine	3.705	42	557149	40.268	ng	93
6) Aniline	7.293	93	1899969	40.426	ng	99
8) 2-Chlorophenol	7.534	128	1550993	52.865	ng	97
9) Benzaldehyde	7.098	77	564483	33.140	ng	99
10) Phenol	7.163	94	1983366	52.177	ng	97
11) bis(2-Chloroethyl)ether	7.393	93	1475394	47.739	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1520717	48.774	ng	97
13) 1,4-Dichlorobenzene	8.004	146	1547722	48.808	ng	99
14) 1,2-Dichlorobenzene	8.322	146	1486449	48.664	ng	100
15) Benzyl Alcohol	8.210	79	1306379	50.918	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1879262	48.148	ng	99
17) 2-Methylphenol	8.416	107	1296883	49.666	ng	99
18) Hexachloroethane	9.051	117	590955	50.510	ng	97
19) n-Nitroso-di-n-propyla...	8.787	70	1138301	50.488	ng	97
20) 3+4-Methylphenols	8.745	107	1738772	49.870	ng	98
22) Acetophenone	8.798	105	2175191	45.389	ng	98
24) Nitrobenzene	9.181	77	1645953	45.034	ng	97
25) Isophorone	9.710	82	3072279	48.011	ng	99
26) 2-Nitrophenol	9.892	139	814953	50.342	ng	96
27) 2,4-Dimethylphenol	9.957	122	1438158	51.579	ng	99
28) bis(2-Chloroethoxy)met...	10.192	93	1985591	48.292	ng	99
29) 2,4-Dichlorophenol	10.428	162	1389490	52.563	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1375649	47.622	ng	98
31) Naphthalene	10.833	128	4416732	45.346	ng	100
32) Benzoic acid	10.116	122	1075184	52.013	ng	98
33) 4-Chloroaniline	10.939	127	830777	20.014	ng	99
34) Hexachlorobutadiene	11.116	225	782500	47.237	ng	99
35) Caprolactam	11.745	113	400686	49.802	ng	99
36) 4-Chloro-3-methylphenol	12.069	107	1418017	50.376	ng	100
37) 2-Methylnaphthalene	12.439	142	3017937	46.229	ng	99
38) 1-Methylnaphthalene	12.657	142	2790466	45.612	ng	100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1465021	46.279	ng	99
41) Hexachlorocyclopentadiene	12.786	237	2104205	121.095	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	1034343	50.458	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	1101373	45.901	ng	98
46) 1,1'-Biphenyl	13.445	154	3805818	46.134	ng	99
47) 2-Chloronaphthalene	13.486	162	2951957	47.454	ng	99
48) 2-Nitroaniline	13.692	65	884327	44.567	ng	94
49) Acenaphthylene	14.333	152	4569879	46.120	ng	100
50) Dimethylphthalate	14.069	163	3417669	45.612	ng	100
51) 2,6-Dinitrotoluene	14.186	165	748247	45.236	ng	99
52) Acenaphthene	14.674	154	2713151	44.555	ng	99
53) 3-Nitroaniline	14.516	138	495620	26.327	ng	95
54) 2,4-Dinitrophenol	14.721	184	911074	94.639	ng	91
55) Dibenzofuran	15.010	168	4219155	44.277	ng	99
56) 4-Nitrophenol	14.827	139	1319884	88.694	ng	94
57) 2,4-Dinitrotoluene	14.974	165	979141	45.032	ng	96
58) Fluorene	15.657	166	3305987	44.290	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	876200	47.350	ng	98
60) Diethylphthalate	15.427	149	3336890	45.769	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1647671	44.932	ng	99
62) 4-Nitroaniline	15.680	138	754900	38.640	ng	97
63) Azobenzene	15.939	77	3472190	45.009	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	534094	46.861	ng	94
66) n-Nitrosodiphenylamine	15.863	169	2804537	47.829	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	949328	50.532	ng	99
68) Hexachlorobenzene	16.657	284	1063145	50.622	ng	99
69) Atrazine	16.815	200	875179	54.643	ng	99
70) Pentachlorophenol	17.004	266	1288360	83.407	ng	100
71) Phenanthrene	17.398	178	4559714	44.667	ng	100
72) Anthracene	17.486	178	4688014	46.050	ng	100
73) Carbazole	17.757	167	4078054	43.892	ng	100
74) Di-n-butylphthalate	18.321	149	5132688	45.394	ng	99
75) Fluoranthene	19.409	202	4325003	40.127	ng	99
77) Benzidine	19.592	184	1885190	73.701	ng	98
78) Pyrene	19.768	202	4481940	55.274	ng	99
80) Butylbenzylphthalate	20.668	149	1845401	53.142	ng	96
81) Benzo(a)anthracene	21.515	228	3650840	46.958	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	953272	39.895	ng	99
83) Chrysene	21.568	228	3414526	45.157	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2622424	52.367	ng	99
85) Di-n-octyl phthalate	22.374	149	4252962	51.140	ng	98
87) Indeno(1,2,3-cd)pyrene	26.491	276	3769123	46.827	ng	99
88) Benzo(b)fluoranthene	23.221	252	3282880	48.579	ng	100
89) Benzo(k)fluoranthene	23.274	252	3311140	47.081	ng	99
90) Benzo(a)pyrene	23.856	252	2877804	44.247	ng	100
91) Dibenzo(a,h)anthracene	26.515	278	3176693	46.603	ng	99
92) Benzo(g,h,i)perylene	27.279	276	3104482	46.551	ng	99

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

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