Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039248.D
Acq On : 31 Mar 2023 11:44
Operator : CG/JU
Sample : PB151658BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151658BS

Quant Time: Mar 31 17:11:10 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	243593	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	941366	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	509490	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	957930	20.000	ng		0.00
76) Chrysene-d12	21.498	240	725428	20.000	ng		0.00
86) Perylene-d12	23.903	264	744562	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1733677	107.227	ng		0.00
7) Phenol-d6	7.093	99	2197803	105.095	ng		0.00
23) Nitrobenzene-d5	9.087	82	1305967	67.427	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	623187	96.357	ng		0.00
45) 2-Fluorobiphenyl	13.186	172	2634802	70.069	ng		0.00
79) Terphenyl-d14	19.933	244	2956953	75.309	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	261145	39.515	ng		99
3) Pyridine	3.757	79	654957	35.376	ng		99
4) n-Nitrosodimethylamine	3.663	42	303063	41.680	ng		98
6) Aniline	7.245	93	973102	37.596	ng		100
8) 2-Chlorophenol	7.481	128	732963	44.292	ng		98
9) Benzaldehyde	7.057	77	453824	38.106	ng		99
10) Phenol	7.116	94	940895	44.896	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	719975	42.704	ng		100
12) 1,3-Dichlorobenzene	7.804	146	770441	43.900	ng		99
13) 1,4-Dichlorobenzene	7.957	146	782231	44.080	ng		99
14) 1,2-Dichlorobenzene	8.275	146	746415	43.988	ng		99
15) Benzyl Alcohol	8.163	79	611183	42.491	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	926068	42.944	ng		99
17) 2-Methylphenol	8.369	107	603011	41.126	ng		99
18) Hexachloroethane	8.998	117	301938	43.986	ng		98
19) n-Nitroso-di-n-propyla...	8.734	70	540568	40.437	ng		99
20) 3+4-Methylphenols	8.698	107	804854	40.850	ng		97
22) Acetophenone	8.751	105	1083625	43.053	ng	#	99
24) Nitrobenzene	9.134	77	801791	41.619	ng		99
25) Isophorone	9.657	82	1444506	39.977	ng		100
26) 2-Nitrophenol	9.845	139	382905	42.996	ng		97
27) 2,4-Dimethylphenol	9.904	122	656184	44.346	ng		99
28) bis(2-Chloroethoxy)met...	10.139	93	920768	42.096	ng		100
29) 2,4-Dichlorophenol	10.381	162	629633	43.613	ng		99
30) 1,2,4-Trichlorobenzene	10.592	180	671232	43.459	ng		98
31) Naphthalene	10.781	128	2117229	41.740	ng		100
32) Benzoic acid	10.057	122	448740	38.910	ng		99
33) 4-Chloroaniline	10.898	127	399327	17.970	ng		99
34) Hexachlorobutadiene	11.063	225	386413	42.548	ng		99
35) Caprolactam	11.692	113	188093	37.523	ng		95
36) 4-Chloro-3-methylphenol	12.022	107	655872	41.176	ng		98
37) 2-Methylnaphthalene	12.392	142	1400279	39.655	ng		99
38) 1-Methylnaphthalene	12.610	142	1296046	39.198	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	706225	45.527	ng		99
41) Hexachlorocyclopentadiene	12.733	237	979652	115.600	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	464505	43.908	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	497613	40.124	ng	97
46) 1,1'-Biphenyl	13.398	154	1786747	44.410	ng	99
47) 2-Chloronaphthalene	13.445	162	1357022	44.546	ng	99
48) 2-Nitroaniline	13.651	65	415290	40.510	ng	98
49) Acenaphthylene	14.286	152	2101317	41.969	ng	99
50) Dimethylphthalate	14.027	163	1567372	39.918	ng	100
51) 2,6-Dinitrotoluene	14.145	165	345135	40.875	ng	95
52) Acenaphthene	14.627	154	1251886	42.345	ng	100
53) 3-Nitroaniline	14.474	138	231839	23.751	ng	95
54) 2,4-Dinitrophenol	14.686	184	424573	84.906	ng	97
55) Dibenzofuran	14.963	168	1940511	40.769	ng	99
56) 4-Nitrophenol	14.792	139	630367	83.745	ng	98
57) 2,4-Dinitrotoluene	14.933	165	457438	40.048	ng	93
58) Fluorene	15.610	166	1535172	40.732	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	404883	41.037	ng	100
60) Diethylphthalate	15.386	149	1531677	38.756	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	758622	40.614	ng	99
62) 4-Nitroaniline	15.639	138	356476	35.587	ng	99
63) Azobenzene	15.898	77	1598959	40.382	ng	98
65) 4,6-Dinitro-2-methylph...	15.698	198	256767	40.744	ng	93
66) n-Nitrosodiphenylamine	15.821	169	1291098	42.771	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	438221	42.836	ng	99
68) Hexachlorobenzene	16.615	284	496486	44.759	ng	98
69) Atrazine	16.774	200	411961	43.089	ng	98
70) Pentachlorophenol	16.963	266	633869	79.649	ng	100
71) Phenanthrene	17.357	178	2177555	41.505	ng	100
72) Anthracene	17.445	178	2236075	41.799	ng	100
73) Carbazole	17.715	167	2023733	40.484	ng	99
74) Di-n-butylphthalate	18.280	149	2458913	39.765	ng	99
75) Fluoranthene	19.368	202	2306534	38.567	ng	99
77) Benzidine	19.556	184	1306521	68.282	ng	100
78) Pyrene	19.733	202	2390207	46.283	ng	100
80) Butylbenzylphthalate	20.627	149	1006893	42.559	ng	97
81) Benzo(a)anthracene	21.480	228	2115980	41.359	ng	99
82) 3,3'-Dichlorobenzidine	21.415	252	557384	32.704	ng	99
83) Chrysene	21.533	228	2004665	40.589	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	1427660	40.858	ng	100
85) Di-n-octyl phthalate	22.333	149	2365639	37.577	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2210115	40.287	ng	100
88) Benzo(b)fluoranthene	23.174	252	2055873	45.126	ng	99
89) Benzo(k)fluoranthene	23.221	252	1969029	42.431	ng	99
90) Benzo(a)pyrene	23.797	252	1782691	39.832	ng	100
91) Dibenzo(a,h)anthracene	26.427	278	1860266	40.384	ng	99
92) Benzo(g,h,i)perylene	27.180	276	1783752	39.375	ng	100

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

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