Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
Data File : BM039216.D
Acq On : 29 Mar 2023 22:09
Operator : CG/JU
Sample : PB151721BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB151721BS

Quant Time: Mar 30 05:56:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	208571	20.000	ng		0.00
21) Naphthalene-d8	10.739	136	780737	20.000	ng		0.00
39) Acenaphthene-d10	14.574	164	433370	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	841221	20.000	ng		0.00
76) Chrysene-d12	21.503	240	642581	20.000	ng		0.00
86) Perylene-d12	23.915	264	638215	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1892020	136.669	ng		0.00
7) Phenol-d6	7.098	99	2385853	133.244	ng		0.00
23) Nitrobenzene-d5	9.098	82	1431037	89.085	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	725009	131.791	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	2903029	90.762	ng		0.00
79) Terphenyl-d14	19.939	244	3497856	100.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	288772	51.032	ng		100
3) Pyridine	3.758	79	726754	45.845	ng		99
4) n-Nitrosodimethylamine	3.669	42	331419	53.233	ng		98
6) Aniline	7.251	93	1025833	46.289	ng		100
8) 2-Chlorophenol	7.493	128	798670	56.366	ng		99
9) Benzaldehyde	7.063	77	503712	49.397	ng		99
10) Phenol	7.122	94	1012423	56.421	ng		98
11) bis(2-Chloroethyl)ether	7.351	93	793397	54.961	ng		99
12) 1,3-Dichlorobenzene	7.816	146	855786	56.951	ng		99
13) 1,4-Dichlorobenzene	7.963	146	872210	57.404	ng		99
14) 1,2-Dichlorobenzene	8.281	146	829178	57.071	ng		99
15) Benzyl Alcohol	8.175	79	670435	54.437	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1024358	55.478	ng		99
17) 2-Methylphenol	8.375	107	655926	52.247	ng		100
18) Hexachloroethane	9.010	117	338291	57.558	ng		98
19) n-Nitroso-di-n-propyla...	8.745	70	590347	51.576	ng		98
20) 3+4-Methylphenols	8.710	107	882461	52.309	ng		100
22) Acetophenone	8.757	105	1182930	56.668	ng	#	99
24) Nitrobenzene	9.140	77	878438	54.978	ng		100
25) Isophorone	9.669	82	1598106	53.327	ng		99
26) 2-Nitrophenol	9.851	139	422394	57.188	ng		98
27) 2,4-Dimethylphenol	9.916	122	719364	58.619	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1010078	55.680	ng		99
29) 2,4-Dichlorophenol	10.387	162	695692	58.103	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	738248	57.632	ng		99
31) Naphthalene	10.787	128	2314168	55.009	ng		99
32) Benzoic acid	10.069	122	508722	53.187	ng		99
33) 4-Chloroaniline	10.904	127	364776	19.792	ng		99
34) Hexachlorobutadiene	11.069	225	427867	56.805	ng		98
35) Caprolactam	11.698	113	216202	52.004	ng		95
36) 4-Chloro-3-methylphenol	12.033	107	730917	55.328	ng		99
37) 2-Methylnaphthalene	12.398	142	1541766	52.645	ng		100
38) 1-Methylnaphthalene	12.616	142	1436388	52.380	ng		99
40) 1,2,4,5-Tetrachloroben...	12.769	216	774856	58.725	ng		99
41) Hexachlorocyclopentadiene	12.745	237	1118779	155.206	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	523706	58.199	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	564068	53.471	ng	99
46) 1,1'-Biphenyl	13.410	154	1972485	57.638	ng	100
47) 2-Chloronaphthalene	13.451	162	1503496	58.023	ng	99
48) 2-Nitroaniline	13.657	65	469835	53.881	ng	99
49) Acenaphthylene	14.298	152	2352756	55.245	ng	100
50) Dimethylphthalate	14.033	163	1780970	53.325	ng	100
51) 2,6-Dinitrotoluene	14.151	165	393599	54.802	ng	96
52) Acenaphthene	14.639	154	1390346	55.288	ng	100
53) 3-Nitroaniline	14.486	138	250809	30.207	ng	100
54) 2,4-Dinitrophenol	14.692	184	501477	117.901	ng	99
55) Dibenzofuran	14.974	168	2191702	54.135	ng	100
56) 4-Nitrophenol	14.798	139	734493	114.718	ng	99
57) 2,4-Dinitrotoluene	14.939	165	523737	53.906	ng	92
58) Fluorene	15.621	166	1732652	54.046	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	467353	55.689	ng	100
60) Diethylphthalate	15.392	149	1770337	52.663	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	856267	53.893	ng	99
62) 4-Nitroaniline	15.645	138	420893	49.398	ng	98
63) Azobenzene	15.910	77	1840738	54.654	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	308460	55.737	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1477764	55.747	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	503950	56.095	ng	98
68) Hexachlorobenzene	16.621	284	574612	58.989	ng	98
69) Atrazine	16.786	200	491480	58.539	ng	100
70) Pentachlorophenol	16.968	266	744823	106.575	ng	99
71) Phenanthrene	17.363	178	2538248	55.093	ng	99
72) Anthracene	17.451	178	2607520	55.504	ng	99
73) Carbazole	17.727	167	2394490	54.547	ng	99
74) Di-n-butylphthalate	18.286	149	2936124	54.070	ng	100
75) Fluoranthene	19.374	202	2709269	51.587	ng	99
77) Benzidine	19.562	184	1585495	93.545	ng	100
78) Pyrene	19.739	202	2837197	62.022	ng	99
80) Butylbenzylphthalate	20.633	149	1204434	57.472	ng	96
81) Benzo(a)anthracene	21.486	228	2508621	55.355	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	616391	40.829	ng	99
83) Chrysene	21.539	228	2343943	53.577	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1752164	56.610	ng	99
85) Di-n-octyl phthalate	22.339	149	2951072	52.920	ng	100
87) Indeno(1,2,3-cd)pyrene	26.433	276	2543059	54.081	ng	100
88) Benzo(b)fluoranthene	23.180	252	2353657	60.271	ng	99
89) Benzo(k)fluoranthene	23.233	252	2385061	59.960	ng	99
90) Benzo(a)pyrene	23.815	252	2044100	53.284	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2133374	54.030	ng	100
92) Benzo(g,h,i)perylene	27.203	276	2050842	52.815	ng	100

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

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