Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052522\
Data File : BM035246.D
Acq On : 25 May 2022 17:54
Operator : CG/JU
Sample : PB145065BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB145065BS

Quant Time: May 26 05:34:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 05:05:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	140428	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	508522	20.000	ng	#	0.00
39) Acenaphthene-d10	14.527	164	286397	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	529158	20.000	ng	#	0.00
76) Chrysene-d12	21.456	240	478343	20.000	ng	#	0.00
86) Perylene-d12	23.827	264	474662	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	972082	122.124	ng		0.00
7) Phenol-d6	7.069	99	1125207	109.503	ng		0.00
23) Nitrobenzene-d5	9.051	82	751230	79.776	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	431089	138.372	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	1766914	89.560	ng		0.00
79) Terphenyl-d14	19.898	244	2253364	91.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	95406	29.623	ng		93
3) Pyridine	3.775	79	251272	28.002	ng		92
4) n-Nitrosodimethylamine	3.681	42	155392	35.122	ng		88
6) Aniline	7.216	93	423317	35.864	ng		97
8) 2-Chlorophenol	7.457	128	363429	41.024	ng		94
9) Benzaldehyde	7.028	77	166374	24.877	ng		92
10) Phenol	7.092	94	394952	37.583	ng		99
11) bis(2-Chloroethyl)ether	7.316	93	311521	39.377	ng		93
12) 1,3-Dichlorobenzene	7.781	146	423737	42.225	ng		97
13) 1,4-Dichlorobenzene	7.928	146	429460	41.815	ng		98
14) 1,2-Dichlorobenzene	8.245	146	411809	42.117	ng		98
15) Benzyl Alcohol	8.134	79	291091	37.907	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.428	45	386690	30.160	ng		94
17) 2-Methylphenol	8.339	107	269690	37.793	ng		98
18) Hexachloroethane	8.969	117	151714	40.247	ng		91
19) n-Nitroso-di-n-propyla...	8.704	70	231434	34.404	ng		93
20) 3+4-Methylphenols	8.669	107	358046	36.671	ng		96
22) Acetophenone	8.716	105	496654	40.327	ng	#	95
24) Nitrobenzene	9.092	77	358825	37.880	ng		98
25) Isophorone	9.622	82	606217	38.504	ng		97
26) 2-Nitrophenol	9.804	139	190094	45.989	ng		94
27) 2,4-Dimethylphenol	9.875	122	288560	45.272	ng		96
28) bis(2-Chloroethoxy)met...	10.104	93	375670	41.461	ng		100
29) 2,4-Dichlorophenol	10.345	162	324088	43.126	ng		98
30) 1,2,4-Trichlorobenzene	10.557	180	393948	46.313	ng		99
31) Naphthalene	10.745	128	1034545	39.437	ng		99
32) Benzoic acid	10.022	122	194912	38.116	ng		96
33) 4-Chloroaniline	10.851	127	261201	24.753	ng		97
34) Hexachlorobutadiene	11.033	225	265057	50.468	ng		97
35) Caprolactam	11.645	113	79069	36.429	ng	#	84
36) 4-Chloro-3-methylphenol	11.986	107	296483	38.126	ng		99
37) 2-Methylnaphthalene	12.351	142	698948	38.453	ng		99
38) 1-Methylnaphthalene	12.574	142	667322	37.595	ng		100
40) 1,2,4,5-Tetrachloroben...	12.727	216	431298	52.888	ng		97
41) Hexachlorocyclopentadiene	12.704	237	579833	118.756	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	255459	46.274	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	272369	44.430	ng	#	94
46) 1,1'-Biphenyl	13.363	154	909604	42.157	ng		99
47) 2-Chloronaphthalene	13.404	162	709042	42.168	ng		99
48) 2-Nitroaniline	13.610	65	175374	36.256	ng		91
49) Acenaphthylene	14.251	152	1086376	41.964	ng		99
50) Dimethylphthalate	13.992	163	816685	38.248	ng		98
51) 2,6-Dinitrotoluene	14.104	165	178447	41.048	ng		89
52) Acenaphthene	14.592	154	620125	35.356	ng		100
53) 3-Nitroaniline	14.433	138	120617	25.860	ng		95
54) 2,4-Dinitrophenol	14.645	184	217165	84.927	ng	#	86
55) Dibenzofuran	14.927	168	993603	39.681	ng		96
56) 4-Nitrophenol	14.751	139	272427	71.508	ng		93
57) 2,4-Dinitrotoluene	14.892	165	238183	40.874	ng		95
58) Fluorene	15.574	166	786450	37.811	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	222448	42.683	ng		89
60) Diethylphthalate	15.351	149	787265	36.200	ng		98
61) 4-Chlorophenyl-phenyle...	15.568	204	428191	43.017	ng		93
62) 4-Nitroaniline	15.592	138	161482	33.435	ng		98
63) Azobenzene	15.863	77	652241	32.883	ng		95
65) 4,6-Dinitro-2-methylph...	15.657	198	133697	42.266	ng		92
66) n-Nitrosodiphenylamine	15.786	169	671698	41.885	ng		99
67) 4-Bromophenyl-phenylether	16.462	248	255208	47.446	ng		93
68) Hexachlorobenzene	16.586	284	284516	46.851	ng	#	90
69) Atrazine	16.739	200	242351	45.013	ng		98
70) Pentachlorophenol	16.927	266	335736	88.237	ng		99
71) Phenanthrene	17.315	178	1154078	39.133	ng		100
72) Anthracene	17.404	178	1169953	41.085	ng		99
73) Carbazole	17.674	167	1012480	38.930	ng		98
74) Di-n-butylphthalate	18.245	149	1238766	37.435	ng		99
75) Fluoranthene	19.333	202	1296134	40.025	ng		97
77) Benzidine	19.515	184	610861	41.802	ng		99
78) Pyrene	19.692	202	1322513	41.808	ng		99
80) Butylbenzylphthalate	20.592	149	495877	35.714	ng		93
81) Benzo(a)anthracene	21.439	228	1291346	40.458	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	382484	41.114	ng	#	99
83) Chrysene	21.492	228	1192303	39.108	ng		99
84) Bis(2-ethylhexyl)phtha...	21.374	149	715667	33.519	ng	#	97
85) Di-n-octyl phthalate	22.291	149	1210321	34.386	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.297	276	1522901	42.199	ng		95
88) Benzo(b)fluoranthene	23.109	252	1300587	43.565	ng		98
89) Benzo(k)fluoranthene	23.156	252	1276204	42.229	ng		99
90) Benzo(a)pyrene	23.727	252	1255671	50.627	ng		98
91) Dibenzo(a,h)anthracene	26.309	278	1339274	44.242	ng		97
92) Benzo(g,h,i)perylene	27.050	276	1334700	45.887	ng	#	95

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

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