Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071522\
Data File : BM035828.D
Acq On : 15 Jul 2022 13:10
Operator : CG/JU
Sample : PB146188BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 15 23:46:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 01:21:21 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146188BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	293973	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1140291	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	591884	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1067535	20.000	ng		0.00
76) Chrysene-d12	21.456	240	960641	20.000	ng		0.00
86) Perylene-d12	23.838	264	1017711	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2361374	130.472	ng		0.00
7) Phenol-d6	7.069	99	2788793	123.187	ng		0.00
23) Nitrobenzene-d5	9.069	82	1658904	83.168	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	835885	139.068	ng		0.00
45) 2-Fluorobiphenyl	13.168	172	3467241	81.696	ng		0.00
79) Terphenyl-d14	19.903	244	4408782	89.089	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	260027	34.061	ng	#	93
3) Pyridine	3.722	79	726521	36.668	ng		90
4) n-Nitrosodimethylamine	3.640	42	367788	42.173	ng	#	68
6) Aniline	7.222	93	1084895	42.884	ng		96
8) 2-Chlorophenol	7.463	128	855686	45.409	ng		95
9) Benzaldehyde	7.034	77	455610	36.873	ng		94
10) Phenol	7.092	94	1037622	45.518	ng		91
11) bis(2-Chloroethyl)ether	7.328	93	840520	44.722	ng		96
12) 1,3-Dichlorobenzene	7.786	146	941961	43.604	ng		98
13) 1,4-Dichlorobenzene	7.934	146	960823	43.666	ng		99
14) 1,2-Dichlorobenzene	8.251	146	917320	43.201	ng		100
15) Benzyl Alcohol	8.145	79	655541m	45.029	ng		
16) 2,2'-oxybis(1-Chloropr...	8.439	45	1113448	45.894	ng		97
17) 2-Methylphenol	8.345	107	664306	45.203	ng		95
18) Hexachloroethane	8.981	117	358963	46.360	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	594415	45.721	ng	#	88
20) 3+4-Methylphenols	8.675	107	871255	44.294	ng		96
22) Acetophenone	8.728	105	1210873	43.989	ng	#	93
24) Nitrobenzene	9.110	77	875735	46.593	ng		96
25) Isophorone	9.633	82	1587984	50.264	ng	#	99
26) 2-Nitrophenol	9.822	139	400795	49.588	ng		93
27) 2,4-Dimethylphenol	9.886	122	706754	52.140	ng		95
28) bis(2-Chloroethoxy)met...	10.128	93	990085	44.449	ng		99
29) 2,4-Dichlorophenol	10.351	162	688445	46.392	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	769375	41.952	ng		97
31) Naphthalene	10.757	128	2502374	43.453	ng		99
32) Benzoic acid	10.004	122	434000	47.574	ng		93
33) 4-Chloroaniline	10.869	127	620254	27.241	ng		96
34) Hexachlorobutadiene	11.045	225	455416	43.057	ng		98
35) Caprolactam	11.645	113	201436	44.870	ng		94
36) 4-Chloro-3-methylphenol	11.992	107	685424	45.676	ng		98
37) 2-Methylnaphthalene	12.369	142	1631473	43.072	ng		98
38) 1-Methylnaphthalene	12.586	142	1548266	41.960	ng		98
40) 1,2,4,5-Tetrachloroben...	12.733	216	778292	45.423	ng		98
41) Hexachlorocyclopentadiene	12.716	237	1146460	128.289	ng		98
43) 2,4,6-Trichlorophenol	12.974	196	498479	49.932	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	528649	49.365	ng		98
46) 1,1'-Biphenyl	13.380	154	2018968	44.912	ng		99
47) 2-Chloronaphthalene	13.416	162	1569513	45.603	ng		99
48) 2-Nitroaniline	13.621	65	423394	47.065	ng		94
49) Acenaphthylene	14.263	152	2434291	46.793	ng		100
50) Dimethylphthalate	14.004	163	1720049	45.089	ng		99
51) 2,6-Dinitrotoluene	14.115	165	380749	45.943	ng		94
52) Acenaphthene	14.604	154	1421785	44.779	ng		99
53) 3-Nitroaniline	14.445	138	299195	31.167	ng		91
54) 2,4-Dinitrophenol	14.645	184	367279	102.658	ng		91
55) Dibenzofuran	14.939	168	2200631	42.860	ng		97
56) 4-Nitrophenol	14.751	139	716037	91.682	ng		84
57) 2,4-Dinitrotoluene	14.898	165	506813	46.319	ng		98
58) Fluorene	15.580	166	1780213	43.700	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	420155	47.589	ng		97
60) Diethylphthalate	15.362	149	1728044	46.042	ng		100
61) 4-Chlorophenyl-phenyle...	15.580	204	858462	42.445	ng		96
62) 4-Nitroaniline	15.604	138	421535	41.146	ng		90
63) Azobenzene	15.874	77	1715765	44.112	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	215182	47.901	ng		93
66) n-Nitrosodiphenylamine	15.792	169	1475041	48.320	ng		100
67) 4-Bromophenyl-phenylether	16.474	248	504037	47.675	ng		94
68) Hexachlorobenzene	16.580	284	585680	46.904	ng		92
69) Atrazine	16.745	200	471841	59.821	ng		98
70) Pentachlorophenol	16.921	266	699462	108.429	ng		99
71) Phenanthrene	17.321	178	2546146	45.401	ng		100
72) Anthracene	17.409	178	2579712	47.816	ng		99
73) Carbazole	17.680	167	2385203	43.945	ng		99
74) Di-n-butylphthalate	18.250	149	2752887	47.555	ng		99
75) Fluoranthene	19.333	202	2783175	44.376	ng		99
77) Benzidine	19.521	184	1427216	106.122	ng		99
78) Pyrene	19.692	202	2865475	47.498	ng		99
80) Butylbenzylphthalate	20.603	149	1073819	50.117	ng		96
81) Benzo(a)anthracene	21.439	228	2778774	46.111	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	782484	64.047	ng		99
83) Chrysene	21.491	228	2617148	44.982	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1608459	49.860	ng	#	99
85) Di-n-octyl phthalate	22.309	149	2562858	54.513	ng		96
87) Indeno(1,2,3-cd)pyrene	26.321	276	3591198	48.457	ng		99
88) Benzo(b)fluoranthene	23.115	252	2959489	48.147	ng		99
89) Benzo(k)fluoranthene	23.162	252	2893107	44.999	ng		99
90) Benzo(a)pyrene	23.732	252	2629144	51.120	ng		99
91) Dibenzo(a,h)anthracene	26.344	278	3126669	50.857	ng		98
92) Benzo(g,h,i)perylene	27.085	276	3123585	51.493	ng		98

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

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