Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035173.D
Acq On : 20 May 2022 12:59
Operator : CG/JU
Sample : PB144941BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 04:17:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144941BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/23/2022
Supervised By :Jagrut Upadhyay
05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	210519	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	838441	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	482840	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	825599	20.000	ng		0.00
76) Chrysene-d12	21.474	240	621637	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	560733	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1045683	87.632	ng		0.00
7) Phenol-d6	7.081	99	1290733	83.790	ng		0.00
23) Nitrobenzene-d5	9.069	82	1237861	79.727	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	441097	83.981	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	2827406	85.007	ng		0.00
79) Terphenyl-d14	19.915	244	3141383	97.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	130459	27.020	ng		99
3) Pyridine	3.787	79	363620	27.030	ng		96
4) n-Nitrosodimethylamine	3.693	42	263079	39.664	ng		94
6) Aniline	7.234	93	599902	33.903	ng		99
8) 2-Chlorophenol	7.469	128	577472	43.482	ng		98
9) Benzaldehyde	7.039	77	289852	28.910	ng		99
10) Phenol	7.104	94	672918	42.714	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	483759	40.789	ng		98
12) 1,3-Dichlorobenzene	7.798	146	587877	39.077	ng		99
13) 1,4-Dichlorobenzene	7.939	146	601911	39.094	ng		99
14) 1,2-Dichlorobenzene	8.257	146	581793	39.691	ng		99
15) Benzyl Alcohol	8.151	79	503710	43.755	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.439	45	676706	35.207	ng		98
17) 2-Methylphenol	8.357	107	462174	43.204	ng		98
18) Hexachloroethane	8.986	117	220908	39.091	ng		97
19) n-Nitroso-di-n-propyla...	8.722	70	407545	40.412	ng		96
20) 3+4-Methylphenols	8.686	107	619950	42.355	ng		99
22) Acetophenone	8.733	105	806959	39.740	ng	#	97
24) Nitrobenzene	9.110	77	599325	38.373	ng		99
25) Isophorone	9.639	82	1051591	40.510	ng		99
26) 2-Nitrophenol	9.822	139	309840	45.463	ng		97
27) 2,4-Dimethylphenol	9.886	122	504498	48.005	ng		95
28) bis(2-Chloroethoxy)met...	10.122	93	638385	42.732	ng		99
29) 2,4-Dichlorophenol	10.363	162	537749	43.400	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	576886	41.133	ng		98
31) Naphthalene	10.763	128	1627448	37.627	ng		100
32) Benzoic acid	10.045	122	375679	44.558	ng		98
33) 4-Chloroaniline	10.869	127	222990	12.817	ng		97
34) Hexachlorobutadiene	11.051	225	371967	42.955	ng		97
35) Caprolactam	11.663	113	141129	39.436	ng		90
36) 4-Chloro-3-methylphenol	11.998	107	525349	40.974	ng		100
37) 2-Methylnaphthalene	12.369	142	1130439	37.720	ng		99
38) 1-Methylnaphthalene	12.592	142	1086724	37.132	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	652135	47.433	ng		99
41) Hexachlorocyclopentadiene	12.727	237	882865	107.253	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	428167	46.004	ng		99

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44) 2,4,5-Trichlorophenol	13.057	196	453017	43.833	ng		96
46) 1,1'-Biphenyl	13.380	154	1487754	40.899	ng		99
47) 2-Chloronaphthalene	13.421	162	1149008	40.532	ng		99
48) 2-Nitroaniline	13.621	65	320310	39.278	ng		98
49) Acenaphthylene	14.268	152	1820982	41.723	ng		100
50) Dimethylphthalate	14.010	163	1364809	37.913	ng		99
51) 2,6-Dinitrotoluene	14.121	165	302332	41.251	ng		93
52) Acenaphthene	14.610	154	1263243m	42.720	ng		
53) 3-Nitroaniline	14.445	138	162868	20.712	ng		99
54) 2,4-Dinitrophenol	14.657	184	352682	81.810	ng		94
55) Dibenzofuran	14.945	168	1638898	38.823	ng		98
56) 4-Nitrophenol	14.763	139	459129	71.483	ng		97
57) 2,4-Dinitrotoluene	14.910	165	393531	40.058	ng		97
58) Fluorene	15.592	166	1313273	37.452	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	361353	41.127	ng		91
60) Diethylphthalate	15.368	149	1320462	36.015	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	692111	41.242	ng		95
62) 4-Nitroaniline	15.610	138	263471	32.357	ng		99
63) Azobenzene	15.880	77	1162284	34.757	ng		98
65) 4,6-Dinitro-2-methylph...	15.674	198	210852	42.723	ng		98
66) n-Nitrosodiphenylamine	15.798	169	1105566	44.186	ng		100
67) 4-Bromophenyl-phenylether	16.480	248	403921	48.131	ng		95
68) Hexachlorobenzene	16.604	284	444936	46.960	ng	#	92
69) Atrazine	16.756	200	371956	44.279	ng		98
70) Pentachlorophenol	16.945	266	535149	90.145	ng		99
71) Phenanthrene	17.333	178	1830497	39.782	ng		100
72) Anthracene	17.421	178	1853510	41.718	ng		100
73) Carbazole	17.692	167	1579691	38.930	ng		98
74) Di-n-butylphthalate	18.262	149	1933370	37.447	ng		100
75) Fluoranthene	19.345	202	1886025	37.329	ng		98
77) Benzidine	19.527	184	475748	25.052	ng		99
78) Pyrene	19.709	202	1921434	46.740	ng		100
80) Butylbenzylphthalate	20.609	149	741739	41.107	ng		95
81) Benzo(a)anthracene	21.456	228	1680324	40.509	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	460247	38.069	ng		99
83) Chrysene	21.509	228	1545468	39.007	ng		99
84) Bis(2-ethylhexyl)phtha...	21.392	149	1074707	38.733	ng	#	98
85) Di-n-octyl phthalate	22.315	149	1741689	38.077	ng		98
87) Indeno(1,2,3-cd)pyrene	26.338	276	1650464	38.714	ng		98
88) Benzo(b)fluoranthene	23.133	252	1511567	42.860	ng		99
89) Benzo(k)fluoranthene	23.186	252	1497723	41.952	ng		99
90) Benzo(a)pyrene	23.756	252	1439411	49.127	ng		99
91) Dibenzo(a,h)anthracene	26.350	278	1451435	40.587	ng		98
92) Benzo(g,h,i)perylene	27.097	276	1438566	41.866	ng		97

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

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