Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036145.D
Acq On : 08 Aug 2022 14:18
Operator : CG/JU
Sample : N4063-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 23:32:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P-5CMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	397571	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1683087	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	992876	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	1935811	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1418302	20.000	ng		0.00
86) Perylene-d12	23.791	264	1290882	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2807854	114.502	ng		0.02
7) Phenol-d6	7.075	99	3564971	114.251	ng		0.04
23) Nitrobenzene-d5	9.028	82	2136410	71.054	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1320981	113.411	ng		0.00
45) 2-Fluorobiphenyl	13.127	172	4735447	70.419	ng		0.00
79) Terphenyl-d14	19.868	244	6348420	88.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	362464	36.681	ng		94
3) Pyridine	3.693	79	1023398	38.622	ng		87
4) n-Nitrosodimethylamine	3.605	42	475136	43.636	ng	#	65
6) Aniline	7.187	93	1640048	47.464	ng		95
8) 2-Chlorophenol	7.428	128	1275829	48.797	ng		96
9) Benzaldehyde	6.993	77	796485	48.216	ng		92
10) Phenol	7.098	94	1534932	48.855	ng		91
11) bis(2-Chloroethyl)ether	7.281	93	1160365	44.834	ng		96
12) 1,3-Dichlorobenzene	7.740	146	1321130	45.598	ng		96
13) 1,4-Dichlorobenzene	7.887	146	1345844	45.549	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1291968	45.317	ng		98
15) Benzyl Alcohol	8.116	79	1032937m	49.331	ng		
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1558643	45.290	ng		96
17) 2-Methylphenol	8.340	107	1024519	49.262	ng		95
18) Hexachloroethane	8.928	117	500912	47.094	ng		96
19) n-Nitroso-di-n-propyla...	8.675	70	863670	45.569	ng	#	87
20) 3+4-Methylphenols	8.669	107	1348525	47.726	ng	#	90
22) Acetophenone	8.687	105	1800277	45.186	ng	#	94
24) Nitrobenzene	9.069	77	1297859	45.916	ng		95
25) Isophorone	9.598	82	2429656	49.672	ng		97
26) 2-Nitrophenol	9.775	139	675977	50.703	ng		92
27) 2,4-Dimethylphenol	9.863	122	1138244	55.114	ng		98
28) bis(2-Chloroethoxy)met...	10.081	93	1534680	44.039	ng		99
29) 2,4-Dichlorophenol	10.328	162	1144666	49.285	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1140608	43.337	ng		99
31) Naphthalene	10.710	128	3733683	44.619	ng		99
32) Benzoic acid	10.063	122	863142	52.723	ng		94
33) 4-Chloroaniline	10.834	127	1248533	37.023	ng		96
34) Hexachlorobutadiene	10.986	225	686059	44.359	ng		98
35) Caprolactam	11.657	113	359856	50.302	ng		93
36) 4-Chloro-3-methylphenol	11.992	107	1178219	48.264	ng		99
37) 2-Methylnaphthalene	12.322	142	2563262	46.032	ng		98
38) 1-Methylnaphthalene	12.539	142	2436589	44.683	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	1236478	45.935	ng		98
41) Hexachlorocyclopentadiene	12.663	237	1642238	115.192	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	878910	47.985	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.027	196	944521	48.850	ng		98
46)	1,1'-Biphenyl	13.333	154	3291518	45.489	ng		99
47)	2-Chloronaphthalene	13.375	162	2518194	45.471	ng		99
48)	2-Nitroaniline	13.598	65	754260	49.977	ng		92
49)	Acenaphthylene	14.222	152	4005628	46.791	ng		100
50)	Dimethylphthalate	13.969	163	3063835	45.377	ng		99
51)	2,6-Dinitrotoluene	14.092	165	673105	49.686	ng		87
52)	Acenaphthene	14.563	154	2832527m	50.582	ng		
53)	3-Nitroaniline	14.427	138	604886	38.270	ng		95
54)	2,4-Dinitrophenol	14.627	184	742748	103.608	ng		90
55)	Dibenzofuran	14.898	168	3716195	44.315	ng		99
56)	4-Nitrophenol	14.780	139	1246067	98.516	ng		86
57)	2,4-Dinitrotoluene	14.874	165	923689	52.020	ng		99
58)	Fluorene	15.545	166	2980589	45.059	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.133	232	756341	46.178	ng		97
60)	Diethylphthalate	15.327	149	3128971	45.095	ng		99
61)	4-Chlorophenyl-phenyle...	15.539	204	1436849	43.561	ng		97
62)	4-Nitroaniline	15.592	138	763187m	46.936	ng		
63)	Azobenzene	15.833	77	2892138	43.845	ng		94
65)	4,6-Dinitro-2-methylph...	15.633	198	462851	46.762	ng		94
66)	n-Nitrosodiphenylamine	15.763	169	2555066	46.755	ng		99
67)	4-Bromophenyl-phenylether	16.433	248	882783	45.591	ng		96
68)	Hexachlorobenzene	16.539	284	1036292	46.644	ng		93
69)	Atrazine	16.721	200	893228	58.415	ng		98
70)	Pentachlorophenol	16.898	266	1209134	92.926	ng		100
71)	Phenanthrene	17.286	178	4461103	45.234	ng		99
72)	Anthracene	17.374	178	4511879	47.254	ng		99
73)	Carbazole	17.657	167	4151257	42.910	ng		99
74)	Di-n-butylphthalate	18.215	149	5381557	46.599	ng		99
75)	Fluoranthene	19.298	202	4860966	44.032	ng		98
77)	Benzidine	19.498	184	3220417	151.404	ng		99
78)	Pyrene	19.662	202	4913909	55.872	ng		98
80)	Butylbenzylphthalate	20.568	149	2142797	56.450	ng		95
81)	Benzo(a)anthracene	21.409	228	4027052	46.098	ng		100
82)	3,3'-Dichlorobenzidine	21.350	252	1336016	62.983	ng		99
83)	Chrysene	21.462	228	3751269	45.173	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.339	149	2984894	52.122	ng		99
85)	Di-n-octyl phthalate	22.256	149	4405951	47.142	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.256	276	4191746	46.207	ng		99
88)	Benzo(b)fluoranthene	23.074	252	3760379	49.720	ng		99
89)	Benzo(k)fluoranthene	23.121	252	3426799	44.860	ng		99
90)	Benzo(a)pyrene	23.686	252	3177697	50.076	ng		98
91)	Dibenzo(a,h)anthracene	26.274	278	3659536	48.193	ng		99
92)	Benzo(g,h,i)perylene	27.015	276	3642045	49.544	ng		99

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

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