Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035222.D
Acq On : 24 May 2022 16:56
Operator : CG/JU
Sample : N2981-16MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 25 05:43:35 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 :
SB-8(4-4.5)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	141934	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	540867	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	319501	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	612787	20.000	ng		0.00
76) Chrysene-d12	21.468	240	556199	20.000	ng	#	0.00
86) Perylene-d12	23.850	264	615493	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	904459	112.423	ng		0.00
7) Phenol-d6	7.075	99	1122654	108.095	ng		0.00
23) Nitrobenzene-d5	9.063	82	741676	74.051	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	416996	119.981	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1655575	75.222	ng		0.00
79) Terphenyl-d14	19.903	244	1944332	67.685	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	125320	38.498	ng		97
3) Pyridine	3.781	79	324222	35.748	ng		96
4) n-Nitrosodimethylamine	3.693	42	198562	44.403	ng		94
6) Aniline	7.228	93	400255	33.551	ng		99
8) 2-Chlorophenol	7.469	128	422801	47.219	ng		96
9) Benzaldehyde	7.040	77	248195	36.717	ng		94
10) Phenol	7.104	94	475702	44.787	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	362984	45.395	ng		95
12) 1,3-Dichlorobenzene	7.792	146	476818	47.010	ng		98
13) 1,4-Dichlorobenzene	7.934	146	485403	46.761	ng		100
14) 1,2-Dichlorobenzene	8.251	146	460876	46.635	ng		98
15) Benzyl Alcohol	8.145	79	352418m	45.406	ng		
16) 2,2'-oxybis(1-Chloropr...	8.434	45	488100	37.665	ng		97
17) 2-Methylphenol	8.351	107	325290	45.101	ng		100
18) Hexachloroethane	8.981	117	174066	45.687	ng		94
19) n-Nitroso-di-n-propyla...	8.716	70	285890	42.048	ng		95
20) 3+4-Methylphenols	8.681	107	431675	43.743	ng		100
22) Acetophenone	8.728	105	591347	45.144	ng	#	96
24) Nitrobenzene	9.104	77	432621	42.940	ng		99
25) Isophorone	9.634	82	754820	45.075	ng		98
26) 2-Nitrophenol	9.816	139	223991	50.949	ng		98
27) 2,4-Dimethylphenol	9.881	122	360933	53.240	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	455127	47.226	ng		99
29) 2,4-Dichlorophenol	10.357	162	385219	48.195	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	444442	49.124	ng		98
31) Naphthalene	10.751	128	1216590	43.603	ng		100
32) Benzoic acid	10.034	122	252141	46.359	ng		99
33) 4-Chloroaniline	10.863	127	143390	12.776	ng		96
34) Hexachlorobutadiene	11.045	225	290353	51.978	ng		99
35) Caprolactam	11.657	113	103485	44.827	ng		92
36) 4-Chloro-3-methylphenol	11.998	107	372118	44.990	ng		99
37) 2-Methylnaphthalene	12.363	142	844309	43.672	ng		99
38) 1-Methylnaphthalene	12.580	142	808997	42.851	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	490474	53.912	ng		99
41) Hexachlorocyclopentadiene	12.716	237	643103	118.067	ng		100
43) 2,4,6-Trichlorophenol	12.974	196	310327	50.389	ng		100

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44)	2,4,5-Trichlorophenol	13.051	196	331356	48.452	ng		95
46)	1,1'-Biphenyl	13.374	154	1103179	45.831	ng		99
47)	2-Chloronaphthalene	13.416	162	860831	45.891	ng		100
48)	2-Nitroaniline	13.616	65	231212	42.847	ng		97
49)	Acenaphthylene	14.263	152	1358470	47.038	ng		100
50)	Dimethylphthalate	13.998	163	1011619	42.469	ng		100
51)	2,6-Dinitrotoluene	14.116	165	223964	46.180	ng		92
52)	Acenaphthene	14.604	154	925312m	47.290	ng		
53)	3-Nitroaniline	14.445	138	114586	22.021	ng		96
54)	2,4-Dinitrophenol	14.657	184	251858	88.290	ng		88
55)	Dibenzofuran	14.939	168	1227070	43.927	ng		97
56)	4-Nitrophenol	14.763	139	350232	82.406	ng		96
57)	2,4-Dinitrotoluene	14.904	165	299963	46.143	ng	#	95
58)	Fluorene	15.586	166	981988	42.321	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.168	232	268430	46.169	ng		91
60)	Diethylphthalate	15.363	149	1001096	41.263	ng		98
61)	4-Chlorophenyl-phenyle...	15.580	204	523546	47.147	ng		94
62)	4-Nitroaniline	15.604	138	205637	38.165	ng		99
63)	Azobenzene	15.874	77	856835	38.722	ng		97
65)	4,6-Dinitro-2-methylph...	15.668	198	160247	43.745	ng		95
66)	n-Nitrosodiphenylamine	15.792	169	838604	45.156	ng		99
67)	4-Bromophenyl-phenylether	16.474	248	310995	49.927	ng		94
68)	Hexachlorobenzene	16.598	284	348244	49.519	ng	#	90
69)	Atrazine	16.751	200	302363	48.495	ng		98
70)	Pentachlorophenol	16.939	266	423591	96.133	ng		98
71)	Phenanthrene	17.327	178	1498319	43.872	ng		99
72)	Anthracene	17.415	178	1496061	45.367	ng		99
73)	Carbazole	17.686	167	1296375	43.043	ng		98
74)	Di-n-butylphthalate	18.256	149	1599342	41.736	ng		100
75)	Fluoranthene	19.339	202	1713956	45.704	ng		98
77)	Benzidine	19.521	184	810132	47.679	ng		99
78)	Pyrene	19.703	202	1725469	46.911	ng		100
80)	Butylbenzylphthalate	20.603	149	673724	41.730	ng		94
81)	Benzo(a)anthracene	21.450	228	1684549	45.389	ng		99
82)	3,3'-Dichlorobenzidine	21.386	252	433067	40.035	ng	#	99
83)	Chrysene	21.503	228	1543312	43.535	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.386	149	975551	39.296	ng	#	98
85)	Di-n-octyl phthalate	22.303	149	1652667	40.381	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.327	276	2215338	47.341	ng		96
88)	Benzo(b)fluoranthene	23.127	252	1751069	45.233	ng		99
89)	Benzo(k)fluoranthene	23.180	252	1701859	43.428	ng		99
90)	Benzo(a)pyrene	23.750	252	1734622	53.935	ng		98
91)	Dibenzo(a,h)anthracene	26.344	278	1923916	49.013	ng		97
92)	Benzo(g,h,i)perylene	27.091	276	1962252	52.026	ng		96

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

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