Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035223.D
Acq On : 24 May 2022 17:32
Operator : CG/JU
Sample : N2981-16MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-8(4-4.5)MSD

Manual Integrations APPROVED

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

Quant Time: May 25 05:43:51 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	133034	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	507363	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	300045	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	583198	20.000	ng		0.00
76) Chrysene-d12	21.468	240	533356	20.000	ng	#	0.00
86) Perylene-d12	23.850	264	606418	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	838643	111.216	ng		0.00
7) Phenol-d6	7.075	99	1053491	108.222	ng		0.00
23) Nitrobenzene-d5	9.057	82	692828	73.742	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	392385	120.220	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1534713	74.252	ng		0.00
79) Terphenyl-d14	19.909	244	1859189	67.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	117520	38.517	ng		95
3) Pyridine	3.781	79	301137	35.424	ng		95
4) n-Nitrosodimethylamine	3.687	42	181580	43.322	ng		97
6) Aniline	7.228	93	376204	33.644	ng		98
8) 2-Chlorophenol	7.469	128	389354	46.393	ng		95
9) Benzaldehyde	7.040	77	228568	36.076	ng		95
10) Phenol	7.098	94	442125	44.410	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	334166	44.587	ng		96
12) 1,3-Dichlorobenzene	7.792	146	438719	46.148	ng		98
13) 1,4-Dichlorobenzene	7.934	146	445575	45.796	ng		100
14) 1,2-Dichlorobenzene	8.251	146	425618	45.949	ng		99
15) Benzyl Alcohol	8.145	79	330136m	45.381	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	457499	37.666	ng		96
17) 2-Methylphenol	8.351	107	303766	44.935	ng		98
18) Hexachloroethane	8.981	117	161630	45.261	ng		93
19) n-Nitroso-di-n-propyla...	8.710	70	269603	42.305	ng		95
20) 3+4-Methylphenols	8.681	107	403882	43.665	ng		99
22) Acetophenone	8.728	105	546153	44.447	ng	#	95
24) Nitrobenzene	9.104	77	401649	42.498	ng		99
25) Isophorone	9.633	82	709340	45.157	ng		97
26) 2-Nitrophenol	9.816	139	209233	50.735	ng		97
27) 2,4-Dimethylphenol	9.881	122	339095	53.322	ng		97
28) bis(2-Chloroethoxy)met...	10.116	93	431910	47.777	ng		100
29) 2,4-Dichlorophenol	10.357	162	361013	48.149	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	408594	48.144	ng		99
31) Naphthalene	10.751	128	1130676	43.200	ng		100
32) Benzoic acid	10.033	122	230240	45.127	ng		97
33) 4-Chloroaniline	10.863	127	143806	13.659	ng		97
34) Hexachlorobutadiene	11.045	225	265429	50.654	ng		98
35) Caprolactam	11.657	113	97537	45.040	ng		92
36) 4-Chloro-3-methylphenol	11.998	107	350474	45.172	ng		100
37) 2-Methylnaphthalene	12.363	142	787363	43.416	ng		99
38) 1-Methylnaphthalene	12.580	142	755334	42.650	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	453661	53.099	ng		98
41) Hexachlorocyclopentadiene	12.716	237	589705	115.284	ng		100
43) 2,4,6-Trichlorophenol	12.974	196	289006	49.970	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	307167	47.827	ng		95
46) 1,1'-Biphenyl	13.374	154	1039795	45.999	ng		99
47) 2-Chloronaphthalene	13.416	162	802666	45.564	ng		99
48) 2-Nitroaniline	13.616	65	220276	43.468	ng		98
49) Acenaphthylene	14.263	152	1286463	47.433	ng		99
50) Dimethylphthalate	13.998	163	946329	42.304	ng		99
51) 2,6-Dinitrotoluene	14.116	165	211363	46.408	ng		90
52) Acenaphthene	14.604	154	870427m	47.369	ng		
53) 3-Nitroaniline	14.445	138	112271	22.976	ng		96
54) 2,4-Dinitrophenol	14.657	184	233397	87.123	ng		88
55) Dibenzofuran	14.939	168	1152298	43.925	ng		97
56) 4-Nitrophenol	14.763	139	332280	83.251	ng		95
57) 2,4-Dinitrotoluene	14.904	165	283956	46.513	ng		95
58) Fluorene	15.586	166	927023	42.542	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	254390	46.592	ng		91
60) Diethylphthalate	15.363	149	938587	41.195	ng		99
61) 4-Chlorophenyl-phenyle...	15.580	204	490387	47.024	ng		94
62) 4-Nitroaniline	15.604	138	192644	38.072	ng		97
63) Azobenzene	15.874	77	803672	38.675	ng		96
65) 4,6-Dinitro-2-methylph...	15.668	198	153449	44.015	ng		96
66) n-Nitrosodiphenylamine	15.792	169	790749	44.739	ng		99
67) 4-Bromophenyl-phenylether	16.474	248	296856	50.075	ng		93
68) Hexachlorobenzene	16.592	284	322427	48.174	ng		94
69) Atrazine	16.751	200	284130	47.883	ng		96
70) Pentachlorophenol	16.939	266	404060	96.353	ng		99
71) Phenanthrene	17.327	178	1412978	43.472	ng		100
72) Anthracene	17.415	178	1423780	45.365	ng		99
73) Carbazole	17.686	167	1239101	43.229	ng		99
74) Di-n-butylphthalate	18.256	149	1524732	41.807	ng		100
75) Fluoranthene	19.339	202	1632302	45.735	ng		98
77) Benzidine	19.521	184	790995	48.546	ng		100
78) Pyrene	19.703	202	1656570	46.967	ng		100
80) Butylbenzylphthalate	20.603	149	658912	42.561	ng		94
81) Benzo(a)anthracene	21.450	228	1652962	46.446	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	429569	41.412	ng	#	98
83) Chrysene	21.503	228	1508062	44.363	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	955572	40.139	ng	#	98
85) Di-n-octyl phthalate	22.309	149	1644674	41.907	ng		97
87) Indeno(1,2,3-cd)pyrene	26.327	276	2167195	47.005	ng		97
88) Benzo(b)fluoranthene	23.127	252	1713089	44.914	ng		99
89) Benzo(k)fluoranthene	23.180	252	1680524	43.526	ng		99
90) Benzo(a)pyrene	23.744	252	1722086	54.346	ng		98
91) Dibenzo(a,h)anthracene	26.344	278	1866755	48.268	ng		98
92) Benzo(g,h,i)perylene	27.085	276	1900901	51.154	ng		96

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

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