Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034042.D
Acq On : 22 Feb 2022 16:51
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 17:35:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	292851	20.000	ng		0.00
21) Naphthalene-d8	10.842	136	1105900	20.000	ng	#	0.00
39) Acenaphthene-d10	14.660	164	695996	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1300419	20.000	ng	#	0.00
76) Chrysene-d12	21.571	240	1164398	20.000	ng		0.00
86) Perylene-d12	24.030	264	1136535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.572	112	2408208	133.152	ng		0.00
7) Phenol-d6	7.178	99	3259663	147.842	ng		0.00
23) Nitrobenzene-d5	9.190	82	3295772	139.983	ng		0.00
42) 2,4,6-Tribromophenol	16.142	330	1376628	178.679	ng		0.00
45) 2-Fluorobiphenyl	13.295	172	8356577	157.639	ng		0.00
79) Terphenyl-d14	20.012	244	9916192	168.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	433629	59.290	ng	#	87
3) Pyridine	3.837	79	1296682m	59.192	ng		
4) n-Nitrosodimethylamine	3.743	42	636540	80.558	ng	#	74
6) Aniline	7.343	93	1780538	71.355	ng		93
8) 2-Chlorophenol	7.584	128	1381656	76.764	ng		84
10) Phenol	7.207	94	1595652	70.194	ng		90
11) bis(2-Chloroethyl)ether	7.443	93	1253289	67.567	ng		90
12) 1,3-Dichlorobenzene	7.913	146	1586550	73.903	ng	#	93
13) 1,4-Dichlorobenzene	8.060	146	1627153	78.514	ng		94
14) 1,2-Dichlorobenzene	8.384	146	1593911	76.433	ng		95
15) Benzyl Alcohol	8.260	79	1278079	75.249	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.560	45	1609717	80.534	ng		94
17) 2-Methylphenol	8.460	107	1135514	76.562	ng		95
18) Hexachloroethane	9.119	117	567899	72.494	ng	#	86
19) n-Nitroso-di-n-propyla...	8.842	70	1043144	73.324	ng	#	92
20) 3+4-Methylphenols	8.801	107	1587051	77.584	ng		92
22) Acetophenone	8.848	105	2105914	76.145	ng	#	91
24) Nitrobenzene	9.231	77	1513091	71.943	ng	#	88
25) Isophorone	9.766	82	2615635	76.095	ng	#	93
26) 2-Nitrophenol	9.942	139	789978	88.672	ng	#	78
27) 2,4-Dimethylphenol	10.007	122	1154328	74.080	ng		90
28) bis(2-Chloroethoxy)met...	10.248	93	1733282	76.291	ng		98
29) 2,4-Dichlorophenol	10.484	162	1466778	89.818	ng		96
30) 1,2,4-Trichlorobenzene	10.701	180	1668130	84.075	ng		96
31) Naphthalene	10.889	128	4411265	76.733	ng		99
32) Benzoic acid	10.178	122	957064	92.153	ng	#	82
33) 4-Chloroaniline	10.989	127	1802857	80.074	ng	#	90
34) Hexachlorobutadiene	11.189	225	1069613	84.692	ng		97
35) Caprolactam	11.789	113	287256m	63.073	ng		
36) 4-Chloro-3-methylphenol	12.113	107	1369976	76.918	ng	#	84
37) 2-Methylnaphthalene	12.495	142	3220007	87.805	ng		97
38) 1-Methylnaphthalene	12.713	142	3120722	85.223	ng		99
40) 1,2,4,5-Tetrachloroben...	12.866	216	1852692	79.851	ng	#	97
41) Hexachlorocyclopentadiene	12.848	237	1169782	96.600	ng		98
43) 2,4,6-Trichlorophenol	13.095	196	1156185	86.606	ng		98
44) 2,4,5-Trichlorophenol	13.166	196	1148440	76.469	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.501	154	4311324	80.904	ng		97
47) 2-Chloronaphthalene	13.542	162	3370396	78.796	ng		95
48) 2-Nitroaniline	13.730	65	846152	72.363	ng	#	77
49) Acenaphthylene	14.383	152	4966737	84.892	ng		98
50) Dimethylphthalate	14.119	163	3965751	79.517	ng		99
51) 2,6-Dinitrotoluene	14.224	165	831486	80.397	ng	#	83
52) Acenaphthene	14.724	154	3310124	82.502	ng		99
53) 3-Nitroaniline	14.554	138	828642	80.139	ng		81
54) 2,4-Dinitrophenol	14.754	184	449828	81.546	ng	#	77
55) Dibenzofuran	15.054	168	4962101	85.518	ng		98
56) 4-Nitrophenol	14.848	139	669165	74.476	ng	#	78
57) 2,4-Dinitrotoluene	15.007	165	1086018	84.586	ng	#	77
58) Fluorene	15.701	166	3964021	77.632	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.277	232	1113761	90.967	ng	#	90
60) Diethylphthalate	15.477	149	3906433	73.146	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	2142040	76.281	ng		96
62) 4-Nitroaniline	15.713	138	849087	79.541	ng		84
63) Azobenzene	15.989	77	3399391	67.782	ng		91
65) 4,6-Dinitro-2-methylph...	15.771	198	683904	91.847	ng	#	73
66) n-Nitrosodiphenylamine	15.907	169	3363093	83.043	ng		98
67) 4-Bromophenyl-phenylether	16.589	248	1243418	90.905	ng		92
68) Hexachlorobenzene	16.707	284	1375763	80.484	ng		92
69) Atrazine	16.860	200	1016331	83.049	ng		96
70) Pentachlorophenol	17.042	266	877160	83.444	ng		98
71) Phenanthrene	17.442	178	5633956	74.843	ng		98
72) Anthracene	17.530	178	5569611	75.610	ng		97
73) Carbazole	17.795	167	5175787	69.228	ng		98
74) Di-n-butylphthalate	18.371	149	6165419	76.529	ng		99
75) Fluoranthene	19.448	202	6089456	81.765	ng		97
77) Benzidine	19.624	184	1674697	80.512	ng		99
78) Pyrene	19.806	202	6180205	83.222	ng		97
80) Butylbenzylphthalate	20.706	149	2631054	61.704	ng		88
81) Benzo(a)anthracene	21.553	228	5869404	73.066	ng		97
82) 3,3'-Dichlorobenzidine	21.483	252	2085326	96.675	ng		98
83) Chrysene	21.606	228	5634063	64.515	ng		98
84) Bis(2-ethylhexyl)phtha...	21.489	149	4005049	117.128	ng	#	96
85) Di-n-octyl phthalate	22.442	149	6408531	67.917	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.618	276	6614259	80.016	ng		97
88) Benzo(b)fluoranthene	23.283	252	5683821	73.472	ng		98
89) Benzo(k)fluoranthene	23.336	252	5644619	88.082	ng	#	98
90) Benzo(a)pyrene	23.924	252	4750336	80.222	ng		99
91) Dibenzo(a,h)anthracene	26.641	278	5554039	81.771	ng		97
92) Benzo(g,h,i)perylene	27.412	276	5380838	79.186	ng		99

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

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