Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127703.D
Acq On : 08 Apr 2022 00:52
Operator : CG\JU
Sample : N2282-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 08 04:47:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LA-1MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/08/2022
Supervised By :Jagrut Upadhyay 04/08/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	138189	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	508829	20.000	ng	#	0.00
39) Acenaphthene-d10	10.010	164	285702	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	480533	20.000	ng		0.00
76) Chrysene-d12	14.157	240	329703	20.000	ng		0.00
86) Perylene-d12	15.680	264	327101	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	957526	112.591	ng		0.01
7) Phenol-d6	6.587	99	1255076	112.810	ng		0.00
23) Nitrobenzene-d5	7.534	82	883513	77.409	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	353571	116.295	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1508373	74.688	ng		0.00
79) Terphenyl-d14	13.092	244	1466052	73.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	161878	40.130	ng		85
3) Pyridine	3.640	79	416185	39.173	ng		86
4) n-Nitrosodimethylamine	3.616	42	254818	44.598	ng		98
6) Aniline	6.628	93	544423	41.029	ng		95
8) 2-Chlorophenol	6.751	128	431061	49.967	ng		92
9) Benzaldehyde	6.522	77	337068	65.013	ng		94
10) Phenol	6.598	94	526130	47.294	ng		98
11) bis(2-Chloroethyl)ether	6.698	93	433799	47.218	ng		93
12) 1,3-Dichlorobenzene	6.904	146	459358	46.600	ng		98
13) 1,4-Dichlorobenzene	6.981	146	462812	46.446	ng		97
14) 1,2-Dichlorobenzene	7.134	146	449289	47.171	ng		98
15) Benzyl Alcohol	7.104	79	437138	44.944	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	637971	43.992	ng		98
17) 2-Methylphenol	7.210	107	362392	48.292	ng		99
18) Hexachloroethane	7.481	117	172821	45.452	ng		97
19) n-Nitroso-di-n-propyla...	7.381	70	327306	45.486	ng		93
20) 3+4-Methylphenols	7.363	107	440822	46.098	ng	#	66
22) Acetophenone	7.375	105	596799	43.648	ng	#	84
24) Nitrobenzene	7.551	77	501284	45.308	ng		98
25) Isophorone	7.787	82	939736	47.186	ng		99
26) 2-Nitrophenol	7.863	139	211652	53.231	ng		95
27) 2,4-Dimethylphenol	7.892	122	400640	51.465	ng		94
28) bis(2-Chloroethoxy)met...	7.992	93	530191	43.175	ng		99
29) 2,4-Dichlorophenol	8.104	162	378763	45.166	ng		94
30) 1,2,4-Trichlorobenzene	8.187	180	423355	43.865	ng		97
31) Naphthalene	8.275	128	1179744	44.247	ng		98
32) Benzoic acid	8.016	122	258085	45.696	ng		98
33) 4-Chloroaniline	8.316	127	157160	14.967	ng		96
34) Hexachlorobutadiene	8.387	225	289955	43.674	ng		99
35) Caprolactam	8.698	113	116620m	47.052	ng		
36) 4-Chloro-3-methylphenol	8.792	107	399741	45.466	ng		97
37) 2-Methylnaphthalene	8.963	142	794404	44.547	ng		99
38) 1-Methylnaphthalene	9.063	142	754120	43.812	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	419839	44.803	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	485636	86.034	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	283548	44.569	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	289906	45.160	ng		94
46) 1,1'-Biphenyl	9.434	154	978686	44.791	ng		99
47) 2-Chloronaphthalene	9.457	162	765450	44.083	ng		98
48) 2-Nitroaniline	9.551	65	261378	48.467	ng		93
49) Acenaphthylene	9.875	152	1246350	47.190	ng		98
50) Dimethylphthalate	9.733	163	919976	44.424	ng		99
51) 2,6-Dinitrotoluene	9.792	165	199448	51.093	ng		95
52) Acenaphthene	10.051	154	790174	47.488	ng		98
53) 3-Nitroaniline	9.963	138	118162	28.653	ng		93
54) 2,4-Dinitrophenol	10.069	184	161947	83.458	ng		96
55) Dibenzofuran	10.222	168	1054339	43.421	ng		96
56) 4-Nitrophenol	10.116	139	291926	90.125	ng		88
57) 2,4-Dinitrotoluene	10.198	165	258767	53.468	ng	#	87
58) Fluorene	10.563	166	782709	43.627	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	248667	44.453	ng		99
60) Diethylphthalate	10.433	149	860655	43.430	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	420493	42.656	ng		95
62) 4-Nitroaniline	10.586	138	173259	44.609	ng		94
63) Azobenzene	10.716	77	890968	40.235	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	108703	46.835	ng		89
66) n-Nitrosodiphenylamine	10.675	169	695686	45.968	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	277030	47.502	ng		94
68) Hexachlorobenzene	11.110	284	307925	48.301	ng		98
69) Atrazine	11.198	200	256328	50.977	ng		98
70) Pentachlorophenol	11.304	266	322740	84.762	ng		98
71) Phenanthrene	11.533	178	1142509	44.874	ng		99
72) Anthracene	11.586	178	1132641	44.973	ng		99
73) Carbazole	11.733	167	981517	41.592	ng		99
74) Di-n-butylphthalate	12.063	149	1188317	42.123	ng		99
75) Fluoranthene	12.722	202	1212096	43.627	ng		100
77) Benzidine	12.845	184	561204	65.215	ng		100
78) Pyrene	12.957	202	1198693	43.055	ng		99
80) Butylbenzylphthalate	13.569	149	441801	42.619	ng		92
81) Benzo(a)anthracene	14.145	228	1020311	46.334	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	298059	43.417	ng		98
83) Chrysene	14.180	228	946343	44.770	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	599875	41.054	ng	#	98
85) Di-n-octyl phthalate	14.751	149	993235	46.489	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.251	276	863120	42.233	ng		99
88) Benzo(b)fluoranthene	15.227	252	1054117	50.095	ng		99
89) Benzo(k)fluoranthene	15.263	252	887351	42.518	ng		98
90) Benzo(a)pyrene	15.615	252	949010	55.488	ng		99
91) Dibenzo(a,h)anthracene	17.274	278	743112	44.877	ng		97
92) Benzo(g,h,i)perylene	17.727	276	723114	42.597	ng		98

04/08/2022
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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