Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020222\
Data File : BF126783.D
Acq On : 02 Feb 2022 13:28
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 02 14:34:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 02 14:30:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/04/2022
Supervised By :Jagrut Upadhyay 02/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	140534	20.000	ng		0.00
21) Naphthalene-d8	8.234	136	504425	20.000	ng		0.00
39) Acenaphthene-d10	9.992	164	273973	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	455996	20.000	ng		0.00
76) Chrysene-d12	14.133	240	300206	20.000	ng	#	0.00
86) Perylene-d12	15.651	264	218535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	1077468	100.890	ng		0.00
7) Phenol-d6	6.575	99	1494004	100.687	ng		0.00
23) Nitrobenzene-d5	7.522	82	1508976	117.090	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	322578	125.812	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1797674	100.489	ng		0.00
79) Terphenyl-d14	13.080	244	2036970	113.806	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	292465	55.565	ng	#	86
3) Pyridine	3.563	79	806931	54.728	ng	#	83
4) n-Nitrosodimethylamine	3.546	42	252318	48.365	ng	#	73
6) Aniline	6.622	93	1004905	54.045	ng		99
8) 2-Chlorophenol	6.740	128	500731	51.118	ng		96
9) Benzaldehyde	6.504	77	433896	37.564	ng		84
10) Phenol	6.592	94	815752	51.690	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	661279	51.635	ng		92
12) 1,3-Dichlorobenzene	6.892	146	564124m	51.876	ng		
13) 1,4-Dichlorobenzene	6.969	146	568840	51.801	ng		96
14) 1,2-Dichlorobenzene	7.128	146	514542	49.702	ng		98
15) Benzyl Alcohol	7.092	79	622446	47.052	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.222	45	712653	48.775	ng		81
17) 2-Methylphenol	7.192	107	492435	51.133	ng	#	92
18) Hexachloroethane	7.463	117	227142	51.228	ng		94
19) n-Nitroso-di-n-propyla...	7.375	70	491648	45.398	ng	#	82
20) 3+4-Methylphenols	7.351	107	600938	48.124	ng	#	80
22) Acetophenone	7.363	105	777849	50.038	ng	#	91
24) Nitrobenzene	7.539	77	752779	56.583	ng	#	85
25) Isophorone	7.775	82	1316641	52.681	ng	#	94
26) 2-Nitrophenol	7.851	139	260488	75.058	ng	#	71
27) 2,4-Dimethylphenol	7.881	122	439252	53.334	ng		85
28) bis(2-Chloroethoxy)met...	7.981	93	812091	52.098	ng	#	97
29) 2,4-Dichlorophenol	8.092	162	435336	55.724	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	456747	54.518	ng		98
31) Naphthalene	8.263	128	1437597	52.756	ng		100
32) Benzoic acid	8.016	122	374022	80.058	ng	#	76
33) 4-Chloroaniline	8.304	127	589296	54.127	ng	#	89
34) Hexachlorobutadiene	8.369	225	289934	54.405	ng		97
35) Caprolactam	8.698	113	157204	56.348	ng	#	74
36) 4-Chloro-3-methylphenol	8.781	107	544844	53.331	ng		87
37) 2-Methylnaphthalene	8.951	142	882051	52.048	ng		97
38) 1-Methylnaphthalene	9.051	142	850783	51.795	ng		98
40) 1,2,4,5-Tetrachloroben...	9.116	216	438018	57.000	ng		96
41) Hexachlorocyclopentadiene	9.098	237	274652	58.703	ng		94
43) 2,4,6-Trichlorophenol	9.222	196	311423	56.849	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.263	196	327458	57.717	ng	#	95
46)	1,1'-Biphenyl	9.416	154	1084741	52.554	ng		97
47)	2-Chloronaphthalene	9.445	162	864709	53.323	ng		99
48)	2-Nitroaniline	9.539	65	380715	67.996	ng		95
49)	Acenaphthylene	9.863	152	1332315	52.375	ng		98
50)	Dimethylphthalate	9.716	163	1048827	53.975	ng		98
51)	2,6-Dinitrotoluene	9.781	165	220521	65.675	ng		88
52)	Acenaphthene	10.033	154	870648	55.985	ng		97
53)	3-Nitroaniline	9.951	138	253041	65.912	ng	#	74
54)	2,4-Dinitrophenol	10.051	184	131388	107.397	ng		95
55)	Dibenzofuran	10.204	168	1221744	52.277	ng		97
56)	4-Nitrophenol	10.098	139	194088	63.489	ng	#	66
57)	2,4-Dinitrotoluene	10.186	165	297861	73.205	ng	#	96
58)	Fluorene	10.545	166	913401	51.765	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.316	232	284258	61.282	ng	#	82
60)	Diethylphthalate	10.416	149	1000016	51.771	ng		97
61)	4-Chlorophenyl-phenyle...	10.533	204	464531	52.713	ng		93
62)	4-Nitroaniline	10.575	138	243338	65.311	ng	#	74
63)	Azobenzene	10.698	77	1397902	48.902	ng		92
65)	4,6-Dinitro-2-methylph...	10.592	198	176168	91.118	ng		94
66)	n-Nitrosodiphenylamine	10.657	169	813116	52.826	ng		99
67)	4-Bromophenyl-phenylether	11.027	248	300013	57.087	ng		96
68)	Hexachlorobenzene	11.092	284	326286	58.192	ng	#	89
69)	Atrazine	11.180	200	267722	54.461	ng		94
70)	Pentachlorophenol	11.280	266	207312	63.583	ng		97
71)	Phenanthrene	11.516	178	1365975	52.433	ng		100
72)	Anthracene	11.569	178	1375801	52.635	ng		100
73)	Carbazole	11.722	167	1280423	52.177	ng		99
74)	Di-n-butylphthalate	12.039	149	1508170	50.965	ng	#	97
75)	Fluoranthene	12.704	202	1384494	53.804	ng		96
77)	Benzidine	12.821	184	386211	37.292	ng		97
78)	Pyrene	12.939	202	1395697	57.490	ng		99
80)	Butylbenzylphthalate	13.545	149	599615	56.850	ng	#	89
81)	Benzo(a)anthracene	14.127	228	1166376	57.161	ng		100
82)	3,3'-Dichlorobenzidine	14.086	252	329623	49.174	ng	#	97
83)	Chrysene	14.163	228	1075104	54.758	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.104	149	760571	53.246	ng	#	99
85)	Di-n-octyl phthalate	14.721	149	1056777	48.322	ng		95
87)	Indeno(1,2,3-cd)pyrene	17.204	276	857237	63.488	ng	#	88
88)	Benzo(b)fluoranthene	15.198	252	838722	57.874	ng	#	94
89)	Benzo(k)fluoranthene	15.233	252	801667	56.340	ng	#	95
90)	Benzo(a)pyrene	15.586	252	669531	56.782	ng	#	93
91)	Dibenzo(a,h)anthracene	17.227	278	703492	62.892	ng	#	92
92)	Benzo(g,h,i)perylene	17.686	276	712180	64.931	ng	#	89

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

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