Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129219.D
Acq On : 14 Jul 2022 14:26
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 14 15:03:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 14:17:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	394854	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	1481235	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	744429	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1215703	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	768163	20.000	ng	#	0.00
86) Perylene-d12	15.568	264	641641	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2240225	95.919	ng		0.00
7) Phenol-d6	6.540	99	2960287	102.055	ng		0.00
23) Nitrobenzene-d5	7.475	82	2729993	109.931	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	641373	79.235	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3898790	83.785	ng		0.00
79) Terphenyl-d14	13.022	244	3638747	98.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	562214	53.993	ng		93
3) Pyridine	3.510	79	1429467	56.214	ng		94
4) n-Nitrosodimethylamine	3.481	42	720160	62.509	ng		94
6) Aniline	6.563	93	1824979m	56.256	ng		
8) 2-Chlorophenol	6.693	128	1199573	48.887	ng		99
9) Benzaldehyde	6.457	77	706781	46.236	ng		96
10) Phenol	6.551	94	1534688	52.220	ng		96
11) bis(2-Chloroethyl)ether	6.646	93	1214074	52.193	ng		93
12) 1,3-Dichlorobenzene	6.846	146	1278143	47.318	ng		98
13) 1,4-Dichlorobenzene	6.922	146	1267821	46.534	ng		99
14) 1,2-Dichlorobenzene	7.075	146	1151300	44.952	ng		97
15) Benzyl Alcohol	7.046	79	1077410	52.805	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1948118	58.637	ng		95
17) 2-Methylphenol	7.151	107	1010943	50.630	ng		99
18) Hexachloroethane	7.416	117	499645	52.236	ng		89
19) n-Nitroso-di-n-propyla...	7.322	70	857695	51.115	ng		98
20) 3+4-Methylphenols	7.310	107	1189438	46.844	ng		98
22) Acetophenone	7.322	105	1579075	46.471	ng	#	98
24) Nitrobenzene	7.493	77	1287317	53.576	ng		97
25) Isophorone	7.728	82	2271692	54.127	ng		99
26) 2-Nitrophenol	7.804	139	657357	58.865	ng		95
27) 2,4-Dimethylphenol	7.834	122	1018367	50.512	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	1457160	50.554	ng		99
29) 2,4-Dichlorophenol	8.045	162	990393	48.162	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	1006999	44.501	ng		97
31) Naphthalene	8.210	128	3255959	48.420	ng		98
32) Benzoic acid	7.981	122	864535	53.447	ng		99
33) 4-Chloroaniline	8.257	127	1319200	48.686	ng		99
34) Hexachlorobutadiene	8.322	225	560193	41.459	ng		99
35) Caprolactam	8.657	113	340539m	52.223	ng		
36) 4-Chloro-3-methylphenol	8.740	107	1076101	51.505	ng		97
37) 2-Methylnaphthalene	8.898	142	2087394	46.132	ng		99
38) 1-Methylnaphthalene	8.998	142	2016483	45.890	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	873668	41.753	ng		97
41) Hexachlorocyclopentadiene	9.051	237	490221	44.383	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	675566	47.399	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	681511	44.954	ng	#	90
46)	1,1'-Biphenyl	9.369	154	2424319	45.298	ng		99
47)	2-Chloronaphthalene	9.392	162	1933916	46.793	ng		97
48)	2-Nitroaniline	9.487	65	725431	66.643	ng		99
49)	Acenaphthylene	9.810	152	2873105	45.750	ng		98
50)	Dimethylphthalate	9.669	163	2278283	48.920	ng		99
51)	2,6-Dinitrotoluene	9.734	165	509893	53.579	ng		98
52)	Acenaphthene	9.981	154	1902380m	46.506	ng		
53)	3-Nitroaniline	9.904	138	614033	54.106	ng	#	94
54)	2,4-Dinitrophenol	10.004	184	297734	69.847	ng		94
55)	Dibenzofuran	10.151	168	2616304	43.924	ng		93
56)	4-Nitrophenol	10.057	139	497897	53.696	ng		96
57)	2,4-Dinitrotoluene	10.134	165	672509	57.242	ng		94
58)	Fluorene	10.498	166	1962930	42.604	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.269	232	524667	41.774	ng	#	88
60)	Diethylphthalate	10.363	149	2145288	45.971	ng		99
61)	4-Chlorophenyl-phenyle...	10.486	204	899680	39.191	ng		90
62)	4-Nitroaniline	10.522	138	601039	53.408	ng		96
63)	Azobenzene	10.645	77	2349637	51.391	ng		96
65)	4,6-Dinitro-2-methylph...	10.545	198	397515	73.909	ng		93
66)	n-Nitrosodiphenylamine	10.610	169	1800684	48.771	ng		97
67)	4-Bromophenyl-phenylether	10.975	248	595140	46.021	ng	#	91
68)	Hexachlorobenzene	11.045	284	617255	42.865	ng		97
69)	Atrazine	11.128	200	485078	46.689	ng		95
70)	Pentachlorophenol	11.233	266	390530	45.533	ng		98
71)	Phenanthrene	11.463	178	2760406	47.523	ng		99
72)	Anthracene	11.510	178	2769954	48.367	ng		99
73)	Carbazole	11.669	167	2803161	48.848	ng		99
74)	Di-n-butylphthalate	11.986	149	3128457	51.706	ng		97
75)	Fluoranthene	12.651	202	2832342	46.625	ng		96
77)	Benzidine	12.769	184	709438	51.866	ng		100
78)	Pyrene	12.880	202	2842656	53.387	ng		99
80)	Butylbenzylphthalate	13.492	149	1316586	60.696	ng		97
81)	Benzo(a)anthracene	14.069	228	2287742	48.776	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	533585	52.650	ng	#	97
83)	Chrysene	14.110	228	2160127	49.609	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.045	149	1674836	58.098	ng		98
85)	Di-n-octyl phthalate	14.657	149	2506243	58.893	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.092	276	2002674	50.889	ng		97
88)	Benzo(b)fluoranthene	15.127	252	1910209	49.502	ng	#	97
89)	Benzo(k)fluoranthene	15.163	252	1781176	47.590	ng	#	98
90)	Benzo(a)pyrene	15.510	252	1540594	48.974	ng		98
91)	Dibenzo(a,h)anthracene	17.110	278	1586383	49.450	ng		98
92)	Benzo(g,h,i)perylene	17.551	276	1704773	52.967	ng		96

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

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