Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129058.D
Acq On : 30 Jun 2022 14:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 01 05:42:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	426763	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1569475	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	795166	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	1434778	20.000	ng	#	0.00
76) Chrysene-d12	14.145	240	1019123	20.000	ng		0.00
86) Perylene-d12	15.668	264	840746	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1952662	77.355	ng		0.00
7) Phenol-d6	6.587	99	2442024	77.894	ng		0.00
23) Nitrobenzene-d5	7.528	82	2141382	81.381	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	713231	82.490	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	3688499	74.209	ng		0.00
79) Terphenyl-d14	13.080	244	3871580	78.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	437025	38.832	ng		87
3) Pyridine	3.634	79	1131549	41.171	ng		85
4) n-Nitrosodimethylamine	3.557	42	475126	38.157	ng		82
6) Aniline	6.628	93	1383042	39.446	ng		96
8) 2-Chlorophenol	6.745	128	1043919	39.362	ng		95
9) Benzaldehyde	6.516	77	601654	42.130	ng		97
10) Phenol	6.598	94	1248610	39.309	ng		89
11) bis(2-Chloroethyl)ether	6.692	93	980586	39.003	ng		94
12) 1,3-Dichlorobenzene	6.898	146	1153860	39.523	ng		98
13) 1,4-Dichlorobenzene	6.975	146	1164351	39.541	ng		100
14) 1,2-Dichlorobenzene	7.134	146	1080232	39.024	ng		99
15) Benzyl Alcohol	7.104	79	826218	37.466	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1395447	38.862	ng		90
17) 2-Methylphenol	7.204	107	839751	38.912	ng		96
18) Hexachloroethane	7.475	117	409366	39.598	ng		97
19) n-Nitroso-di-n-propyla...	7.375	70	701328	38.671	ng		89
20) 3+4-Methylphenols	7.357	107	1090718	39.744	ng	#	85
22) Acetophenone	7.369	105	1397649	38.820	ng		95
24) Nitrobenzene	7.545	77	1022446	40.160	ng		90
25) Isophorone	7.786	82	1720135	38.681	ng		95
26) 2-Nitrophenol	7.857	139	528814	44.692	ng		88
27) 2,4-Dimethylphenol	7.886	122	849545	39.769	ng		98
28) bis(2-Chloroethoxy)met...	7.986	93	1205477	39.471	ng		99
29) 2,4-Dichlorophenol	8.092	162	869070	39.886	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	942065	39.291	ng		96
31) Naphthalene	8.263	128	2835188	39.792	ng		98
32) Benzoic acid	8.004	122	674094m	39.331	ng		
33) 4-Chloroaniline	8.310	127	1142803	39.805	ng		97
34) Hexachlorobutadiene	8.381	225	570233	39.830	ng		99
35) Caprolactam	8.698	113	266076	38.510	ng	#	75
36) 4-Chloro-3-methylphenol	8.786	107	864957	39.071	ng		91
37) 2-Methylnaphthalene	8.957	142	1905343	39.741	ng		99
38) 1-Methylnaphthalene	9.057	142	1833941	39.389	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	925130	41.391	ng		98
41) Hexachlorocyclopentadiene	9.104	237	503252	42.656	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	624872	41.045	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	672067	41.502	ng		98
46)	1,1'-Biphenyl	9.422	154	2326257	40.693	ng		98
47)	2-Chloronaphthalene	9.445	162	1800941	40.795	ng		98
48)	2-Nitroaniline	9.539	65	517605	44.516	ng		89
49)	Acenaphthylene	9.863	152	2747889	40.964	ng		98
50)	Dimethylphthalate	9.722	163	1995860	40.121	ng		99
51)	2,6-Dinitrotoluene	9.780	165	444908	43.768	ng		99
52)	Acenaphthene	10.039	154	1787369	40.906	ng		99
53)	3-Nitroaniline	9.957	138	512109	42.246	ng	#	84
54)	2,4-Dinitrophenol	10.057	184	222681	43.898	ng	#	77
55)	Dibenzofuran	10.210	168	2555715	40.169	ng		98
56)	4-Nitrophenol	10.104	139	395939	39.976	ng		88
57)	2,4-Dinitrotoluene	10.186	165	573431	45.694	ng	#	88
58)	Fluorene	10.551	166	1975859	40.148	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.322	232	561337	41.841	ng		99
60)	Diethylphthalate	10.422	149	2012541	40.375	ng		97
61)	4-Chlorophenyl-phenyle...	10.545	204	985678	40.198	ng		98
62)	4-Nitroaniline	10.574	138	506147	42.107	ng		85
63)	Azobenzene	10.704	77	1950799	39.945	ng		93
65)	4,6-Dinitro-2-methylph...	10.592	198	312165	49.178	ng		92
66)	n-Nitrosodiphenylamine	10.663	169	1742440	39.987	ng		95
67)	4-Bromophenyl-phenylether	11.033	248	632720	41.457	ng		98
68)	Hexachlorobenzene	11.098	284	682422	40.155	ng		99
69)	Atrazine	11.186	200	505962	41.264	ng		97
70)	Pentachlorophenol	11.292	266	414515	40.950	ng		99
71)	Phenanthrene	11.521	178	2698543	39.364	ng		97
72)	Anthracene	11.574	178	2698216	39.921	ng		99
73)	Carbazole	11.727	167	2665910	39.363	ng		100
74)	Di-n-butylphthalate	12.051	149	2872662	40.229	ng		98
75)	Fluoranthene	12.710	202	2836834	39.569	ng		95
77)	Benzidine	12.833	184	944195	52.031	ng		99
78)	Pyrene	12.945	202	2876015	40.713	ng		99
80)	Butylbenzylphthalate	13.557	149	1174696	40.819	ng		90
81)	Benzo(a)anthracene	14.133	228	2453538	39.430	ng		98
82)	3,3'-Dichlorobenzidine	14.092	252	555183	41.292	ng	#	99
83)	Chrysene	14.174	228	2250732	38.961	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1563190	40.872	ng		97
85)	Di-n-octyl phthalate	14.733	149	2236110	39.606	ng		95
87)	Indeno(1,2,3-cd)pyrene	17.227	276	2084039	40.416	ng		100
88)	Benzo(b)fluoranthene	15.215	252	1992663	39.410	ng		99
89)	Benzo(k)fluoranthene	15.245	252	2006322	40.911	ng		99
90)	Benzo(a)pyrene	15.604	252	1633762	39.636	ng		98
91)	Dibenzo(a,h)anthracene	17.245	278	1729644	41.147	ng		98
92)	Benzo(g,h,i)perylene	17.698	276	1666217	39.509	ng		99

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

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