Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062922\
Data File : BF129036.D
Acq On : 29 Jun 2022 15:30
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 06/30/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jun 29 15:59:41 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 15:17:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	453512	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1614581	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	834873	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1497791	20.000	ng		0.00
76) Chrysene-d12	14.151	240	1013115	20.000	ng		0.00
86) Perylene-d12	15.674	264	843054	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	2949186	100.956	ng		0.00
7) Phenol-d6	6.598	99	3710963	108.672	ng		0.01
23) Nitrobenzene-d5	7.534	82	3250538	96.922	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	1104660	127.445	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	5051899	87.677	ng		0.00
79) Terphenyl-d14	13.092	244	5331849	97.558	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.834	88	708779	89.385	ng		88
3) Pyridine	3.651	79	1786184	58.353	ng		87
4) n-Nitrosodimethylamine	3.575	42	791365	43.253	ng	#	84
6) Aniline	6.628	93	2121751m	57.470	ng		
8) 2-Chlorophenol	6.751	128	1593116	55.559	ng		97
9) Benzaldehyde	6.516	77	800125	42.988	ng		99
10) Phenol	6.610	94	1947758m	54.007	ng		
11) bis(2-Chloroethyl)ether	6.704	93	1564747	58.409	ng		91
12) 1,3-Dichlorobenzene	6.904	146	1746801	53.063	ng		97
13) 1,4-Dichlorobenzene	6.981	146	1755592	52.952	ng		99
14) 1,2-Dichlorobenzene	7.134	146	1625256	53.300	ng		98
15) Benzyl Alcohol	7.110	79	1349433	50.381	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	2171039	49.039	ng		92
17) 2-Methylphenol	7.210	107	1331633	43.299	ng		97
18) Hexachloroethane	7.475	117	643676	53.545	ng		91
19) n-Nitroso-di-n-propyla...	7.387	70	1095942	52.000	ng		89
20) 3+4-Methylphenols	7.369	107	1622471	52.756	ng		93
22) Acetophenone	7.381	105	2087351	48.986	ng		93
24) Nitrobenzene	7.551	77	1576745	50.799	ng		93
25) Isophorone	7.798	82	2791942	54.929	ng		96
26) 2-Nitrophenol	7.863	139	827775	56.810	ng	#	87
27) 2,4-Dimethylphenol	7.892	122	1331389	61.960	ng		97
28) bis(2-Chloroethoxy)met...	7.992	93	1861773	56.707	ng		99
29) 2,4-Dichlorophenol	8.098	162	1365808	56.573	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	1437368	53.897	ng		97
31) Naphthalene	8.269	128	4055617	50.012	ng		94
32) Benzoic acid	8.034	122	1164427	127.763	ng		98
33) 4-Chloroaniline	8.322	127	1719729	55.035	ng		96
34) Hexachlorobutadiene	8.381	225	868974	50.654	ng		100
35) Caprolactam	8.728	113	447310m	68.549	ng		
36) 4-Chloro-3-methylphenol	8.798	107	1378606	57.999	ng		90
37) 2-Methylnaphthalene	8.957	142	2792829	61.721	ng		100
38) 1-Methylnaphthalene	9.063	142	2688752	61.840	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1371123	51.388	ng		99
41) Hexachlorocyclopentadiene	9.110	237	792230	277.781	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	974527	63.706	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.275	196	1014739	63.710	ng		96
46)	1,1'-Biphenyl	9.428	154	3311408	54.609	ng		95
47)	2-Chloronaphthalene	9.451	162	2654707	56.255	ng		98
48)	2-Nitroaniline	9.551	65	816163	48.608	ng	#	76
49)	Acenaphthylene	9.869	152	3950087	55.730	ng		94
50)	Dimethylphthalate	9.733	163	3043893	54.878	ng		98
51)	2,6-Dinitrotoluene	9.792	165	689128	59.315	ng		93
52)	Acenaphthene	10.045	154	2644757	61.757	ng		98
53)	3-Nitroaniline	9.963	138	823002	64.344	ng		89
54)	2,4-Dinitrophenol	10.063	184	343540	74.430	ng	#	86
55)	Dibenzofuran	10.216	168	3714361	55.993	ng		93
56)	4-Nitrophenol	10.116	139	671994	146.471	ng		89
57)	2,4-Dinitrotoluene	10.192	165	877842	57.472	ng		97
58)	Fluorene	10.557	166	2864940	54.866	ng		96
59)	2,3,4,6-Tetrachlorophenol	10.328	232	849611	73.207	ng		99
60)	Diethylphthalate	10.428	149	3020073	55.939	ng		96
61)	4-Chlorophenyl-phenyle...	10.545	204	1466808	55.081	ng		95
62)	4-Nitroaniline	10.586	138	802720	66.481	ng		90
63)	Azobenzene	10.710	77	2933956	53.067	ng		93
65)	4,6-Dinitro-2-methylph...	10.604	198	459716	53.559	ng		92
66)	n-Nitrosodiphenylamine	10.669	169	2602666	56.532	ng		93
67)	4-Bromophenyl-phenylether	11.039	248	952927	57.977	ng		98
68)	Hexachlorobenzene	11.104	284	1032197	57.008	ng		99
69)	Atrazine	11.198	200	732560	53.056	ng		97
70)	Pentachlorophenol	11.298	266	665618	199.861	ng		98
71)	Phenanthrene	11.527	178	3870494	52.143	ng		93
72)	Anthracene	11.580	178	3825925	51.670	ng		94
73)	Carbazole	11.733	167	3828221	54.556	ng		94
74)	Di-n-butylphthalate	12.057	149	4143836	52.012	ng		96
75)	Fluoranthene	12.721	202	4032435	52.861	ng		95
77)	Benzidine	12.833	184	1022522	51.154	ng		97
78)	Pyrene	12.951	202	4127411	56.961	ng		94
80)	Butylbenzylphthalate	13.563	149	1832310	63.080	ng		92
81)	Benzo(a)anthracene	14.139	228	3568132	56.741	ng		94
82)	3,3'-Dichlorobenzidine	14.098	252	737932	51.777	ng	#	97
83)	Chrysene	14.180	228	3246178	53.971	ng		93
84)	Bis(2-ethylhexyl)phtha...	14.116	149	2387427	63.322	ng		96
85)	Di-n-octyl phthalate	14.739	149	3432331	59.127	ng		96
87)	Indeno(1,2,3-cd)pyrene	17.239	276	3239017	65.388	ng		99
88)	Benzo(b)fluoranthene	15.221	252	3107522	60.655	ng		97
89)	Benzo(k)fluoranthene	15.257	252	2827503	56.022	ng		97
90)	Benzo(a)pyrene	15.610	252	2518737	60.593	ng		97
91)	Dibenzo(a,h)anthracene	17.262	278	2618310	64.145	ng		96
92)	Benzo(g,h,i)perylene	17.721	276	2679060	66.106	ng		98

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

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