Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129240.D
Acq On : 15 Jul 2022 16:05
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 16 01:41:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
07/18/2022
Supervised By :Jagrut Upadhyay
07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	332467	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1287220	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	666074	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	1100455	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	674552	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	578484	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1605327	77.114	ng		0.00
7) Phenol-d6	6.528	99	2090549	77.645	ng		0.00
23) Nitrobenzene-d5	7.469	82	1876442	77.923	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	479404	77.545	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2923825	74.369	ng		0.00
79) Terphenyl-d14	13.016	244	2744402	76.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	378023	39.859	ng		91
3) Pyridine	3.487	79	959750	39.350	ng		90
4) n-Nitrosodimethylamine	3.446	42	457611	39.720	ng		91
6) Aniline	6.569	93	1247685	39.444	ng		99
8) 2-Chlorophenol	6.687	128	859924	39.230	ng		97
9) Benzaldehyde	6.451	77	573271	34.695	ng		96
10) Phenol	6.540	94	1062756	39.295	ng		94
11) bis(2-Chloroethyl)ether	6.634	93	845668	38.553	ng		96
12) 1,3-Dichlorobenzene	6.840	146	900119	38.614	ng		98
13) 1,4-Dichlorobenzene	6.916	146	906926	38.466	ng		98
14) 1,2-Dichlorobenzene	7.069	146	840469	38.244	ng		97
15) Benzyl Alcohol	7.040	79	718525	40.071	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1324809	37.905	ng		95
17) 2-Methylphenol	7.145	107	703055	38.156	ng		100
18) Hexachloroethane	7.410	117	342821	38.914	ng	#	88
19) n-Nitroso-di-n-propyla...	7.316	70	592003	37.382	ng		95
20) 3+4-Methylphenols	7.304	107	871643	38.489	ng		95
22) Acetophenone	7.310	105	1139730	38.368	ng	#	99
24) Nitrobenzene	7.487	77	891042	38.898	ng		94
25) Isophorone	7.722	82	1566636	38.709	ng		99
26) 2-Nitrophenol	7.798	139	467839	40.658	ng		95
27) 2,4-Dimethylphenol	7.834	122	700379	39.144	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1047091	38.841	ng		99
29) 2,4-Dichlorophenol	8.040	162	705153	39.643	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	718769	38.942	ng		97
31) Naphthalene	8.204	128	2383062	39.075	ng		99
32) Benzoic acid	7.957	122	562403	40.471	ng		96
33) 4-Chloroaniline	8.251	127	999724	39.529	ng		99
34) Hexachlorobutadiene	8.316	225	398898	38.415	ng		100
35) Caprolactam	8.639	113	240495	40.701	ng	#	77
36) 4-Chloro-3-methylphenol	8.734	107	765197	39.434	ng		92
37) 2-Methylnaphthalene	8.898	142	1528898	38.463	ng		99
38) 1-Methylnaphthalene	8.998	142	1479665	38.491	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	645738	38.993	ng		98
41) Hexachlorocyclopentadiene	9.045	237	326905	39.228	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	475716	39.011	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	508163	39.396	ng	#	93
46) 1,1'-Biphenyl	9.363	154	1818059	38.591	ng		99
47) 2-Chloronaphthalene	9.386	162	1451487	39.116	ng		99
48) 2-Nitroaniline	9.481	65	504447	40.463	ng		96
49) Acenaphthylene	9.804	152	2187262	39.162	ng		99
50) Dimethylphthalate	9.663	163	1663692	38.490	ng		99
51) 2,6-Dinitrotoluene	9.728	165	374757	40.068	ng		97
52) Acenaphthene	9.975	154	1425679	39.052	ng		99
53) 3-Nitroaniline	9.898	138	448646	40.169	ng	#	93
54) 2,4-Dinitrophenol	9.998	184	209437	41.780	ng		97
55) Dibenzofuran	10.145	168	2005789	38.703	ng		96
56) 4-Nitrophenol	10.045	139	358320	40.534	ng		96
57) 2,4-Dinitrotoluene	10.128	165	494901	40.351	ng		99
58) Fluorene	10.492	166	1498602	38.019	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	396798	39.822	ng		92
60) Diethylphthalate	10.357	149	1618012	38.709	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	686807	37.613	ng		90
62) 4-Nitroaniline	10.516	138	452724	40.943	ng		92
63) Azobenzene	10.639	77	1742920	39.063	ng		95
65) 4,6-Dinitro-2-methylph...	10.539	198	288462	41.488	ng		91
66) n-Nitrosodiphenylamine	10.598	169	1373030	39.106	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	447773	38.654	ng		96
68) Hexachlorobenzene	11.039	284	473638	38.951	ng		98
69) Atrazine	11.122	200	374473	38.472	ng		95
70) Pentachlorophenol	11.228	266	286295	39.594	ng		99
71) Phenanthrene	11.457	178	2131588	38.152	ng		99
72) Anthracene	11.510	178	2120539	38.208	ng		99
73) Carbazole	11.663	167	2148791	38.815	ng		100
74) Di-n-butylphthalate	11.986	149	2403326	37.777	ng		99
75) Fluoranthene	12.645	202	2138810	38.437	ng		97
77) Benzidine	12.763	184	980727	51.940	ng		100
78) Pyrene	12.874	202	2177987	39.864	ng		99
80) Butylbenzylphthalate	13.486	149	965528	39.676	ng		99
81) Benzo(a)anthracene	14.063	228	1669613	39.240	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	423877	39.824	ng	#	97
83) Chrysene	14.104	228	1571532	38.695	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1247583	38.528	ng		99
85) Di-n-octyl phthalate	14.657	149	1768723	38.083	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1475664	40.909	ng		97
88) Benzo(b)fluoranthene	15.121	252	1408028m	39.620	ng		
89) Benzo(k)fluoranthene	15.157	252	1283711	36.972	ng		99
90) Benzo(a)pyrene	15.498	252	1125483	38.902	ng	#	97
91) Dibenzo(a,h)anthracene	17.092	278	1203517	41.248	ng	#	95
92) Benzo(g,h,i)perylene	17.533	276	1243830	41.703	ng		96

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

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