Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
Data File : BF129333.D
Acq On : 25 Jul 2022 15:01
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 25 16:16:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 16:12:28 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/26/2022
Supervised By :Jagrut Upadhyay 07/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	272783	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1053613	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	544304	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	921542	20.000	ng	#	0.00
76) Chrysene-d12	14.068	240	596447	20.000	ng		0.00
86) Perylene-d12	15.551	264	480106	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1306714	78.132	ng		0.00
7) Phenol-d6	6.516	99	1642796	77.055	ng		0.00
23) Nitrobenzene-d5	7.451	82	1514014	77.308	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	410720	78.211	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	2477671	70.026	ng		0.00
79) Terphenyl-d14	13.004	244	2466326	77.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	301263	40.624	ng		89
3) Pyridine	3.440	79	855459	41.781	ng		92
4) n-Nitrosodimethylamine	3.398	42	370060	40.255	ng		88
6) Aniline	6.551	93	1037081	39.533	ng		99
8) 2-Chlorophenol	6.675	128	726312	39.615	ng		94
9) Benzaldehyde	6.439	77	534221	36.529	ng		99
10) Phenol	6.528	94	874634m	39.036	ng		
11) bis(2-Chloroethyl)ether	6.622	93	699063	39.414	ng		95
12) 1,3-Dichlorobenzene	6.828	146	769539	38.944	ng		98
13) 1,4-Dichlorobenzene	6.904	146	782799	39.151	ng		99
14) 1,2-Dichlorobenzene	7.057	146	728332	39.423	ng		98
15) Benzyl Alcohol	7.028	79	612443	39.595	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1057682	39.117	ng		94
17) 2-Methylphenol	7.134	107	592555	39.657	ng		99
18) Hexachloroethane	7.398	117	296392	39.510	ng		90
19) n-Nitroso-di-n-propyla...	7.298	70	491216	38.669	ng		95
20) 3+4-Methylphenols	7.292	107	725402	37.223	ng		91
22) Acetophenone	7.298	105	931545	37.655	ng	#	97
24) Nitrobenzene	7.475	77	788897	39.110	ng		92
25) Isophorone	7.710	82	1336365	38.867	ng		99
26) 2-Nitrophenol	7.786	139	392276	40.305	ng		93
27) 2,4-Dimethylphenol	7.816	122	572832	39.123	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	777044	39.011	ng		99
29) 2,4-Dichlorophenol	8.028	162	603130	39.603	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	613817	38.781	ng		98
31) Naphthalene	8.192	128	2072404	38.351	ng		99
32) Benzoic acid	7.939	122	437295	40.861	ng		96
33) 4-Chloroaniline	8.239	127	850794	38.602	ng		98
34) Hexachlorobutadiene	8.304	225	347222	38.381	ng		100
35) Caprolactam	8.622	113	193876	39.915	ng	#	80
36) 4-Chloro-3-methylphenol	8.722	107	629068	38.880	ng		91
37) 2-Methylnaphthalene	8.880	142	1345972	38.439	ng		97
38) 1-Methylnaphthalene	8.980	142	1284198	37.907	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	556603	38.952	ng		99
41) Hexachlorocyclopentadiene	9.033	237	273943	43.494	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	414921	39.733	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	444199	39.212	ng	#	92
46) 1,1'-Biphenyl	9.345	154	1556487	38.699	ng		99
47) 2-Chloronaphthalene	9.375	162	1253405	38.905	ng		99
48) 2-Nitroaniline	9.475	65	430525	39.790	ng	#	83
49) Acenaphthylene	9.792	152	1894476	38.291	ng		99
50) Dimethylphthalate	9.651	163	1463809	39.144	ng		100
51) 2,6-Dinitrotoluene	9.716	165	334439	39.942	ng		95
52) Acenaphthene	9.963	154	1261506m	39.290	ng		
53) 3-Nitroaniline	9.886	138	400115	40.160	ng	#	91
54) 2,4-Dinitrophenol	9.992	184	180863	42.687	ng	#	84
55) Dibenzofuran	10.133	168	1718185	38.508	ng		96
56) 4-Nitrophenol	10.039	139	296657	40.775	ng		98
57) 2,4-Dinitrotoluene	10.122	165	449257	40.928	ng	#	86
58) Fluorene	10.480	166	1342982	37.712	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	351551	40.254	ng		92
60) Diethylphthalate	10.345	149	1422698	39.542	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	596989	38.318	ng		93
62) 4-Nitroaniline	10.504	138	391287	39.764	ng		94
63) Azobenzene	10.627	77	1457431	39.154	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	246171	43.431	ng		94
66) n-Nitrosodiphenylamine	10.592	169	1197432	39.304	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	396362	39.862	ng		92
68) Hexachlorobenzene	11.027	284	429886	39.474	ng		99
69) Atrazine	11.116	200	366506	39.361	ng		97
70) Pentachlorophenol	11.222	266	249334	41.644	ng		99
71) Phenanthrene	11.445	178	1947896	38.511	ng		100
72) Anthracene	11.498	178	1897155	37.853	ng		100
73) Carbazole	11.651	167	1805589	38.621	ng		99
74) Di-n-butylphthalate	11.974	149	2146428	39.736	ng		99
75) Fluoranthene	12.633	202	1974567	38.304	ng		97
77) Benzidine	12.757	184	884362	37.206	ng		100
78) Pyrene	12.868	202	1994797	39.104	ng		99
80) Butylbenzylphthalate	13.474	149	886365	42.582	ng		98
81) Benzo(a)anthracene	14.057	228	1605082	39.080	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	539005	39.981	ng	#	96
83) Chrysene	14.092	228	1494077	38.541	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1135613	44.424	ng		97
85) Di-n-octyl phthalate	14.645	149	1613898	44.115	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1397731	42.467	ng		98
88) Benzo(b)fluoranthene	15.115	252	1223517	38.289	ng		98
89) Benzo(k)fluoranthene	15.145	252	1260310	40.619	ng		98
90) Benzo(a)pyrene	15.492	252	1029124	39.803	ng		97
91) Dibenzo(a,h)anthracene	17.086	278	1144004	43.124	ng		99
92) Benzo(g,h,i)perylene	17.533	276	1191616	43.228	ng		98

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

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