Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129218.D
Acq On : 14 Jul 2022 13:54
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 14 14:19:54 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 :
SSTDICCC040

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	6.898	152	346056	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	1314469	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	654712	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1093126	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	729100	20.000	ng		0.00
86) Perylene-d12	15.562	264	619312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1649146	80.568	ng		0.00
7) Phenol-d6	6.533	99	2130223	83.795	ng		0.00
23) Nitrobenzene-d5	7.469	82	1952879	88.615	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	458952	64.468	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2966533	72.487	ng		0.00
79) Terphenyl-d14	13.021	244	2760750	78.632	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	396907	43.493	ng		93
3) Pyridine	3.510	79	1036753	46.519	ng		93
4) n-Nitrosodimethylamine	3.469	42	504193	49.934	ng	#	97
6) Aniline	6.563	93	1258790	44.275	ng		99
8) 2-Chlorophenol	6.686	128	868642	40.392	ng		98
9) Benzaldehyde	6.451	77	524917	39.181	ng		95
10) Phenol	6.545	94	1135876	44.100	ng		97
11) bis(2-Chloroethyl)ether	6.639	93	874564	42.899	ng		95
12) 1,3-Dichlorobenzene	6.839	146	927940	39.197	ng		98
13) 1,4-Dichlorobenzene	6.916	146	933850	39.109	ng		98
14) 1,2-Dichlorobenzene	7.075	146	851829	37.949	ng		99
15) Benzyl Alcohol	7.045	79	771292	43.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1390025	47.739	ng		96
17) 2-Methylphenol	7.151	107	714015	40.802	ng		99
18) Hexachloroethane	7.416	117	360819	43.042	ng		91
19) n-Nitroso-di-n-propyla...	7.316	70	613409	41.712	ng		99
20) 3+4-Methylphenols	7.304	107	878192	39.463	ng		99
22) Acetophenone	7.316	105	1157717	38.394	ng	#	97
24) Nitrobenzene	7.486	77	929092	43.573	ng		98
25) Isophorone	7.722	82	1589699	42.683	ng		99
26) 2-Nitrophenol	7.798	139	459178	46.335	ng		98
27) 2,4-Dimethylphenol	7.833	122	718332	40.150	ng		97
28) bis(2-Chloroethoxy)met...	7.927	93	1057972	41.362	ng		99
29) 2,4-Dichlorophenol	8.039	162	706416	38.711	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	731855	36.445	ng		97
31) Naphthalene	8.210	128	2387334	40.007	ng		99
32) Benzoic acid	7.957	122	565751	39.413	ng		99
33) 4-Chloroaniline	8.257	127	985149	40.971	ng		98
34) Hexachlorobutadiene	8.322	225	409546	34.156	ng		100
35) Caprolactam	8.639	113	232427	40.166	ng	#	88
36) 4-Chloro-3-methylphenol	8.733	107	770289	41.545	ng		96
37) 2-Methylnaphthalene	8.898	142	1538197	38.308	ng		99
38) 1-Methylnaphthalene	8.998	142	1502354	38.527	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	654802	35.582	ng		98
41) Hexachlorocyclopentadiene	9.045	237	350954	36.129	ng		100
43) 2,4,6-Trichlorophenol	9.174	196	498644	39.780	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	501346	37.601	ng	#	92
46) 1,1'-Biphenyl	9.363	154	1844847	39.195	ng		99
47) 2-Chloronaphthalene	9.386	162	1453544	39.989	ng		98
48) 2-Nitroaniline	9.486	65	511551	53.434	ng		91
49) Acenaphthylene	9.804	152	2164780	39.195	ng		99
50) Dimethylphthalate	9.663	163	1653521	40.370	ng		99
51) 2,6-Dinitrotoluene	9.727	165	365939	43.722	ng		94
52) Acenaphthene	9.980	154	1421692	39.517	ng		99
53) 3-Nitroaniline	9.898	138	437743	43.858	ng	#	95
54) 2,4-Dinitrophenol	9.998	184	203752	54.350	ng		94
55) Dibenzofuran	10.151	168	1976994	37.739	ng		97
56) 4-Nitrophenol	10.051	139	355093	43.543	ng		98
57) 2,4-Dinitrotoluene	10.133	165	486484	47.082	ng		91
58) Fluorene	10.492	166	1494097	36.872	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	386219	34.964	ng	#	89
60) Diethylphthalate	10.363	149	1597508	38.924	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	678610	33.612	ng	#	87
62) 4-Nitroaniline	10.515	138	434755	43.926	ng		97
63) Azobenzene	10.645	77	1737522	43.210	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	276094	57.090	ng		92
66) n-Nitrosodiphenylamine	10.604	169	1344337	40.494	ng		97
67) 4-Bromophenyl-phenylether	10.974	248	436292	37.521	ng		95
68) Hexachlorobenzene	11.039	284	460260	35.547	ng		95
69) Atrazine	11.127	200	369619	39.566	ng		96
70) Pentachlorophenol	11.233	266	286578	37.160	ng		99
71) Phenanthrene	11.457	178	2098928	40.187	ng		100
72) Anthracene	11.510	178	2092702	40.639	ng		99
73) Carbazole	11.662	167	2103637	40.769	ng		99
74) Di-n-butylphthalate	11.986	149	2358692	43.355	ng		99
75) Fluoranthene	12.645	202	2155279	39.458	ng		96
77) Benzidine	12.762	184	682895	52.601	ng		99
78) Pyrene	12.880	202	2188050	43.295	ng		99
80) Butylbenzylphthalate	13.486	149	982207	47.707	ng		96
81) Benzo(a)anthracene	14.068	228	1770197	39.764	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	438156	45.550	ng	#	97
83) Chrysene	14.104	228	1673907	40.503	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1286884	47.032	ng		98
85) Di-n-octyl phthalate	14.656	149	1992496	49.329	ng		99
87) Indeno(1,2,3-cd)pyrene	17.080	276	1472938	38.778	ng		97
88) Benzo(b)fluoranthene	15.127	252	1454573	39.054	ng	#	98
89) Benzo(k)fluoranthene	15.156	252	1484149m	41.084	ng		
90) Benzo(a)pyrene	15.503	252	1220742	40.205	ng	#	96
91) Dibenzo(a,h)anthracene	17.097	278	1187905	38.364	ng		96
92) Benzo(g,h,i)perylene	17.544	276	1220825	39.298	ng		97

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

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