Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF127991.D
Acq On : 29 Apr 2022 13:11
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 17:55:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	134901	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	488861	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	279630	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	504422	20.000	ng	0.00
76) Chrysene-d12	14.110	240	337611	20.000	ng	0.00
86) Perylene-d12	15.616	264	279956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	669724	79.075	ng	0.00
7) Phenol-d6	6.551	99	905606	82.404	ng	-0.01
23) Nitrobenzene-d5	7.498	82	909722	87.507	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	247440	87.902	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1423016	86.092	ng	0.00
79) Terphenyl-d14	13.051	244	1540202	83.420	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	159239	39.406	ng	97
3) Pyridine	3.534	79	433000	41.820	ng	98
4) n-Nitrosodimethylamine	3.510	42	212455	42.391	ng	95
6) Aniline	6.593	93	553965	42.426	ng	99
8) 2-Chlorophenol	6.710	128	359049	40.845	ng	98
9) Benzaldehyde	6.481	77	233637	34.365	ng	95
10) Phenol	6.569	94	450116m	40.609	ng	
11) bis(2-Chloroethyl)ether	6.663	93	376955	40.997	ng	97
12) 1,3-Dichlorobenzene	6.869	146	402712	39.799	ng	98
13) 1,4-Dichlorobenzene	6.945	146	403902	39.990	ng	98
14) 1,2-Dichlorobenzene	7.098	146	367377	39.292	ng	98
15) Benzyl Alcohol	7.069	79	335573	44.902	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	575309	40.939	ng	99
17) 2-Methylphenol	7.175	107	324433	42.776	ng	97
18) Hexachloroethane	7.440	117	154126	41.509	ng	97
19) n-Nitroso-di-n-propyla...	7.340	70	283267	42.107	ng	97
20) 3+4-Methylphenols	7.328	107	379701	41.442	ng	94
22) Acetophenone	7.340	105	497151	41.724	ng	97
24) Nitrobenzene	7.516	77	433878	43.312	ng	98
25) Isophorone	7.751	82	756892	43.258	ng	99
26) 2-Nitrophenol	7.828	139	191823	44.936	ng	95
27) 2,4-Dimethylphenol	7.857	122	304638	42.965	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	469330	41.854	ng	99
29) 2,4-Dichlorophenol	8.069	162	315294	42.446	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	347621	41.198	ng	98
31) Naphthalene	8.234	128	1013386	40.701	ng	100
32) Benzoic acid	7.987	122	229955	45.248	ng	98
33) 4-Chloroaniline	8.281	127	412150	41.836	ng	97
34) Hexachlorobutadiene	8.345	225	231439	43.547	ng	99
35) Caprolactam	8.663	113	102083	42.575	ng	95
36) 4-Chloro-3-methylphenol	8.757	107	346139	43.632	ng	95
37) 2-Methylnaphthalene	8.922	142	686270	41.706	ng	98
38) 1-Methylnaphthalene	9.022	142	657558	41.112	ng	99
40) 1,2,4,5-Tetrachloroben...	9.087	216	337030	40.891	ng	99
41) Hexachlorocyclopentadiene	9.069	237	193223	43.270	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	228627	42.157	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	243101	41.235	ng		97
46) 1,1'-Biphenyl	9.392	154	839436	40.526	ng		98
47) 2-Chloronaphthalene	9.416	162	629282	39.908	ng		97
48) 2-Nitroaniline	9.516	65	235817	44.211	ng		97
49) Acenaphthylene	9.834	152	970216	40.224	ng		100
50) Dimethylphthalate	9.692	163	769100	41.011	ng		99
51) 2,6-Dinitrotoluene	9.757	165	171077	42.134	ng		93
52) Acenaphthene	10.004	154	669044m	41.258	ng		
53) 3-Nitroaniline	9.928	138	182804	40.544	ng		98
54) 2,4-Dinitrophenol	10.028	184	96235	45.004	ng	#	80
55) Dibenzofuran	10.181	168	947968	40.518	ng		97
56) 4-Nitrophenol	10.081	139	134674	39.116	ng		94
57) 2,4-Dinitrotoluene	10.157	165	229640	42.697	ng	#	82
58) Fluorene	10.522	166	703457	40.294	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	209009	42.159	ng		99
60) Diethylphthalate	10.386	149	757621	41.199	ng		100
61) 4-Chlorophenyl-phenyle...	10.510	204	354400	40.851	ng		96
62) 4-Nitroaniline	10.545	138	180934	41.046	ng		95
63) Azobenzene	10.675	77	833247	41.178	ng		97
65) 4,6-Dinitro-2-methylph...	10.569	198	141613	47.248	ng		98
66) n-Nitrosodiphenylamine	10.633	169	627901	40.005	ng		99
67) 4-Bromophenyl-phenylether	11.004	248	229795	41.095	ng		95
68) Hexachlorobenzene	11.069	284	244771	41.547	ng	#	91
69) Atrazine	11.157	200	189706	39.087	ng		98
70) Pentachlorophenol	11.263	266	145798	42.066	ng		96
71) Phenanthrene	11.486	178	1038313	39.324	ng		99
72) Anthracene	11.539	178	1046002	39.768	ng		100
73) Carbazole	11.692	167	979735	38.649	ng		99
74) Di-n-butylphthalate	12.016	149	1158099	40.628	ng		99
75) Fluoranthene	12.680	202	1094201	39.375	ng		98
77) Benzidine	12.798	184	320914	50.236	ng		99
78) Pyrene	12.910	202	1111109	40.769	ng		100
80) Butylbenzylphthalate	13.522	149	473713	44.346	ng		99
81) Benzo(a)anthracene	14.098	228	938798	41.719	ng		99
82) 3,3'-Dichlorobenzidine	14.063	252	285310	39.932	ng		99
83) Chrysene	14.139	228	871895	40.570	ng		100
84) Bis(2-ethylhexyl)phtha...	14.074	149	619949	43.763	ng		99
85) Di-n-octyl phthalate	14.692	149	965569	43.984	ng		99
87) Indeno(1,2,3-cd)pyrene	17.157	276	729987	39.065	ng		98
88) Benzo(b)fluoranthene	15.168	252	775117	44.082	ng		99
89) Benzo(k)fluoranthene	15.204	252	720074	40.647	ng		99
90) Benzo(a)pyrene	15.551	252	614165	42.108	ng		97
91) Dibenzo(a,h)anthracene	17.174	278	594524	39.671	ng		98
92) Benzo(g,h,i)perylene	17.627	276	596433	37.764	ng		97

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

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