Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129183.D
Acq On : 12 Jul 2022 11:44
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 14:15:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 14:13:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/13/2022
Supervised By :Jagrut Upadhyay 07/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.939	152	337976	20.000	ng		0.00
21) Naphthalene-d8	8.222	136	1265230	20.000	ng	#	0.00
39) Acenaphthene-d10	9.980	164	621852	20.000	ng		0.00
64) Phenanthrene-d10	11.469	188	1074377	20.000	ng	#	0.00
76) Chrysene-d12	14.121	240	740932	20.000	ng	#	0.00
86) Perylene-d12	15.633	264	583311	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	1597761	79.924	ng		0.00
7) Phenol-d6	6.569	99	2040096	82.168	ng		0.00
23) Nitrobenzene-d5	7.504	82	1901560	89.645	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	450904	66.685	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	2748409	70.706	ng		0.00
79) Terphenyl-d14	13.063	244	2629887	73.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	392050	43.988	ng		96
3) Pyridine	3.604	79	1024431	47.066	ng		92
4) n-Nitrosodimethylamine	3.563	42	506606	51.373	ng		96
6) Aniline	6.604	93	1207313	43.480	ng		98
8) 2-Chlorophenol	6.728	128	824621	39.262	ng		99
9) Benzaldehyde	6.492	77	490546	43.977	ng		96
10) Phenol	6.581	94	1021961m	40.626	ng		
11) bis(2-Chloroethyl)ether	6.675	93	848586	42.620	ng		98
12) 1,3-Dichlorobenzene	6.881	146	886060	38.323	ng		98
13) 1,4-Dichlorobenzene	6.957	146	891923	38.246	ng		99
14) 1,2-Dichlorobenzene	7.110	146	817596	37.295	ng		97
15) Benzyl Alcohol	7.081	79	755563	43.263	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.210	45	1473371	51.811	ng		96
17) 2-Methylphenol	7.187	107	684587	40.055	ng		99
18) Hexachloroethane	7.451	117	344654	42.096	ng		90
19) n-Nitroso-di-n-propyla...	7.351	70	625999	43.585	ng		98
20) 3+4-Methylphenols	7.339	107	856481	39.408	ng		97
22) Acetophenone	7.351	105	1120050	38.590	ng	#	98
24) Nitrobenzene	7.522	77	915248	44.594	ng		97
25) Isophorone	7.763	82	1538984	42.929	ng		99
26) 2-Nitrophenol	7.839	139	408627	42.839	ng		90
27) 2,4-Dimethylphenol	7.869	122	684478	39.747	ng		99
28) bis(2-Chloroethoxy)met...	7.969	93	1027424	41.730	ng		99
29) 2,4-Dichlorophenol	8.075	162	657899	37.455	ng		98
30) 1,2,4-Trichlorobenzene	8.163	180	711931	36.833	ng		97
31) Naphthalene	8.245	128	2284231	39.769	ng		99
32) Benzoic acid	7.998	122	444700	32.186	ng		98
33) 4-Chloroaniline	8.292	127	947274	40.929	ng		99
34) Hexachlorobutadiene	8.357	225	414698	35.931	ng		99
35) Caprolactam	8.675	113	212602	38.170	ng		95
36) 4-Chloro-3-methylphenol	8.769	107	725951	40.678	ng		98
37) 2-Methylnaphthalene	8.933	142	1472110	38.088	ng		98
38) 1-Methylnaphthalene	9.033	142	1423634	37.930	ng		99
40) 1,2,4,5-Tetrachloroben...	9.098	216	647499	37.044	ng		98
41) Hexachlorocyclopentadiene	9.086	237	360960	39.122	ng		99
43) 2,4,6-Trichlorophenol	9.210	196	456216	38.319	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.251	196	482182	38.075	ng	#	93
46)	1,1'-Biphenyl	9.398	154	1769841	39.588	ng		98
47)	2-Chloronaphthalene	9.428	162	1347108	39.019	ng		98
48)	2-Nitroaniline	9.522	65	465068	51.146	ng		95
49)	Acenaphthylene	9.845	152	2105450	40.135	ng		98
50)	Dimethylphthalate	9.698	163	1515644	38.959	ng		99
51)	2,6-Dinitrotoluene	9.763	165	339017	42.646	ng		92
52)	Acenaphthene	10.016	154	1349542	39.494	ng		98
53)	3-Nitroaniline	9.933	138	417682	44.059	ng	#	97
54)	2,4-Dinitrophenol	10.039	184	173471	43.754	ng		92
55)	Dibenzofuran	10.186	168	1902705	38.240	ng		93
56)	4-Nitrophenol	10.086	139	314462	40.598	ng		95
57)	2,4-Dinitrotoluene	10.169	165	437591	44.588	ng		98
58)	Fluorene	10.533	166	1429046	37.130	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.304	232	373623	35.611	ng		91
60)	Diethylphthalate	10.398	149	1562184	40.074	ng		100
61)	4-Chlorophenyl-phenyle...	10.522	204	688989	35.929	ng		93
62)	4-Nitroaniline	10.551	138	410730	43.692	ng		95
63)	Azobenzene	10.680	77	1728795	45.265	ng		95
65)	4,6-Dinitro-2-methylph...	10.580	198	242575	51.034	ng		94
66)	n-Nitrosodiphenylamine	10.639	169	1285283	39.390	ng		96
67)	4-Bromophenyl-phenylether	11.010	248	435541	38.110	ng	#	90
68)	Hexachlorobenzene	11.080	284	468072	36.781	ng		97
69)	Atrazine	11.163	200	371313	40.441	ng		97
70)	Pentachlorophenol	11.274	266	272499	35.951	ng		99
71)	Phenanthrene	11.498	178	1978069	38.534	ng		99
72)	Anthracene	11.551	178	2002511	39.566	ng		99
73)	Carbazole	11.704	167	1983369	39.109	ng		99
74)	Di-n-butylphthalate	12.022	149	2310886	43.217	ng		98
75)	Fluoranthene	12.692	202	2059792	38.368	ng		97
77)	Benzidine	12.804	184	590485	44.756	ng		99
78)	Pyrene	12.921	202	2067217	40.251	ng		99
80)	Butylbenzylphthalate	13.527	149	994182	47.517	ng		98
81)	Benzo(a)anthracene	14.110	228	1799252	39.771	ng		97
82)	3,3'-Dichlorobenzidine	14.068	252	391162	40.016	ng	#	95
83)	Chrysene	14.151	228	1672645	39.826	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.080	149	1364147	49.060	ng		99
85)	Di-n-octyl phthalate	14.704	149	2054256	50.046	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.180	276	1194032	33.375	ng		98
88)	Benzo(b)fluoranthene	15.186	252	1383580	39.440	ng		97
89)	Benzo(k)fluoranthene	15.215	252	1400727	41.168	ng		98
90)	Benzo(a)pyrene	15.568	252	1124087	39.307	ng	#	96
91)	Dibenzo(a,h)anthracene	17.198	278	969218	33.233	ng		96
92)	Benzo(g,h,i)perylene	17.656	276	989383	33.814	ng		99

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

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