Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133366.D
Acq On : 12 May 2023 13:15
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 14:52:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	221102	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	876499	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	463461	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	825879	20.000	ng		0.00
76) Chrysene-d12	13.874	240	511324	20.000	ng		0.00
86) Perylene-d12	15.292	264	428886	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1125581	76.902	ng		0.00
7) Phenol-d6	6.369	99	1405748	77.379	ng		0.00
23) Nitrobenzene-d5	7.292	82	1229656	75.725	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	345209	74.064	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	2025841	73.129	ng		0.00
79) Terphenyl-d14	12.827	244	2210607	74.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.357	88	260266	38.336	ng		97
3) Pyridine	3.051	79	705563	39.129	ng		96
4) n-Nitrosodimethylamine	3.022	42	336227	36.000	ng		98
6) Aniline	6.387	93	884777	37.813	ng	#	70
8) 2-Chlorophenol	6.510	128	584582	39.337	ng		93
9) Benzaldehyde	6.269	77	332880	39.566	ng		98
10) Phenol	6.381	94	735255	36.686	ng		75
11) bis(2-Chloroethyl)ether	6.463	93	563365	37.459	ng		96
12) 1,3-Dichlorobenzene	6.663	146	607994	38.481	ng		97
13) 1,4-Dichlorobenzene	6.739	146	613961	38.773	ng		98
14) 1,2-Dichlorobenzene	6.892	146	572692	39.229	ng		97
15) Benzyl Alcohol	6.869	79	467416	37.247	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	879787	33.680	ng		93
17) 2-Methylphenol	6.987	107	522451	38.393	ng		99
18) Hexachloroethane	7.234	117	211415	38.402	ng		99
19) n-Nitroso-di-n-propyla...	7.145	70	384465	33.993	ng		94
20) 3+4-Methylphenols	7.145	107	622478	38.843	ng	#	71
22) Acetophenone	7.139	105	772103	38.028	ng	#	97
24) Nitrobenzene	7.310	77	621639	37.779	ng		99
25) Isophorone	7.545	82	1157701	37.550	ng		98
26) 2-Nitrophenol	7.622	139	336770	42.432	ng		98
27) 2,4-Dimethylphenol	7.669	122	525501	38.614	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	683417	37.469	ng		99
29) 2,4-Dichlorophenol	7.869	162	496657	40.088	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	497810	38.786	ng		99
31) Naphthalene	8.028	128	1693955	38.655	ng		99
32) Benzoic acid	7.804	122	299010m	35.570	ng		
33) 4-Chloroaniline	8.081	127	742850	41.955	ng		100
34) Hexachlorobutadiene	8.145	225	268877	37.797	ng		100
35) Caprolactam	8.463	113	179804	43.202	ng		87
36) 4-Chloro-3-methylphenol	8.569	107	532757	39.877	ng		96
37) 2-Methylnaphthalene	8.716	142	1163425	38.832	ng		98
38) 1-Methylnaphthalene	8.816	142	1082063	38.608	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	461536	37.038	ng		99
41) Hexachlorocyclopentadiene	8.875	237	249955	34.394	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	325520	37.773	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.045	196	374692	37.594	ng		96
46)	1,1'-Biphenyl	9.186	154	1357976	36.951	ng		98
47)	2-Chloronaphthalene	9.204	162	1003919	37.322	ng		98
48)	2-Nitroaniline	9.304	65	349027	39.261	ng		95
49)	Acenaphthylene	9.622	152	1618987	37.668	ng		100
50)	Dimethylphthalate	9.486	163	1260866	39.016	ng		99
51)	2,6-Dinitrotoluene	9.551	165	291926	40.135	ng	#	84
52)	Acenaphthene	9.792	154	1090238m	37.874	ng		
53)	3-Nitroaniline	9.722	138	352284	40.734	ng		97
54)	2,4-Dinitrophenol	9.822	184	133363	36.477	ng	#	90
55)	Dibenzofuran	9.963	168	1453206	37.008	ng		97
56)	4-Nitrophenol	9.886	139	256988	38.366	ng		90
57)	2,4-Dinitrotoluene	9.951	165	378251	40.778	ng		97
58)	Fluorene	10.310	166	1096950	38.130	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.086	232	291930	37.782	ng		98
60)	Diethylphthalate	10.186	149	1165396	38.179	ng		99
61)	4-Chlorophenyl-phenyle...	10.298	204	512622	36.565	ng		94
62)	4-Nitroaniline	10.333	138	349128	43.923	ng		99
63)	Azobenzene	10.463	77	1171700	36.235	ng		95
65)	4,6-Dinitro-2-methylph...	10.363	198	207803	41.512	ng		84
66)	n-Nitrosodiphenylamine	10.422	169	1013371	37.827	ng		98
67)	4-Bromophenyl-phenylether	10.786	248	331459	37.005	ng		94
68)	Hexachlorobenzene	10.857	284	339541	36.994	ng		99
69)	Atrazine	10.951	200	301675	39.081	ng		96
70)	Pentachlorophenol	11.051	266	236865	36.236	ng		98
71)	Phenanthrene	11.269	178	1642609	37.005	ng		100
72)	Anthracene	11.316	178	1737650	38.252	ng		99
73)	Carbazole	11.474	167	1567915	38.762	ng		99
74)	Di-n-butylphthalate	11.804	149	1808623	39.511	ng		99
75)	Fluoranthene	12.451	202	1697075	38.095	ng		99
77)	Benzidine	12.574	184	428070	49.506	ng	#	94
78)	Pyrene	12.680	202	1736449	39.616	ng		99
80)	Butylbenzylphthalate	13.298	149	730459	47.066	ng		94
81)	Benzo(a)anthracene	13.868	228	1274135	36.236	ng		100
82)	3,3'-Dichlorobenzidine	13.833	252	389773	40.127	ng		99
83)	Chrysene	13.904	228	1283196	36.503	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.863	149	793641	40.741	ng		100
85)	Di-n-octyl phthalate	14.474	149	1200302	37.789	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.674	276	1112727	45.611	ng		99
88)	Benzo(b)fluoranthene	14.892	252	1065782	39.061	ng		99
89)	Benzo(k)fluoranthene	14.915	252	984934	36.415	ng		98
90)	Benzo(a)pyrene	15.233	252	970066	39.060	ng		99
91)	Dibenzo(a,h)anthracene	16.686	278	914223	44.931	ng		98
92)	Benzo(g,h,i)perylene	17.092	276	952328	47.408	ng		96

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

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