Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042023\
Data File : BF132934.D
Acq On : 20 Apr 2023 12:35
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 20 14:16:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 14:15:37 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/21/2023
Supervised By :Jagrut Upadhyay 04/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	318150	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	1243097	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	640965	20.000	ng		0.00
64) Phenanthrene-d10	11.280	188	1124654	20.000	ng		0.00
76) Chrysene-d12	13.915	240	773081	20.000	ng		0.00
86) Perylene-d12	15.339	264	665110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1611846	79.220	ng		0.00
7) Phenol-d6	6.392	99	2064458	79.516	ng		0.00
23) Nitrobenzene-d5	7.328	82	1819741	76.304	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	524039	81.513	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	2917420	69.923	ng		0.00
79) Terphenyl-d14	12.868	244	3264023	72.032	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.446	88	387069	38.987	ng		99
3) Pyridine	3.151	79	1084240	39.931	ng		97
4) n-Nitrosodimethylamine	3.104	42	526415	40.802	ng		100
6) Aniline	6.422	93	1379218	40.058	ng		98
8) 2-Chlorophenol	6.545	128	805654	39.031	ng		98
9) Benzaldehyde	6.304	77	555278	36.147	ng		95
10) Phenol	6.404	94	1135391	38.894	ng		98
11) bis(2-Chloroethyl)ether	6.498	93	832564	37.764	ng		97
12) 1,3-Dichlorobenzene	6.698	146	828797	36.531	ng		97
13) 1,4-Dichlorobenzene	6.775	146	852934	37.519	ng		98
14) 1,2-Dichlorobenzene	6.934	146	781584	36.822	ng		98
15) Benzyl Alcohol	6.904	79	726904	40.853	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.039	45	1476089	38.694	ng		99
17) 2-Methylphenol	7.016	107	740552	39.171	ng		98
18) Hexachloroethane	7.275	117	298284	37.807	ng		92
19) n-Nitroso-di-n-propyla...	7.181	70	613462	37.855	ng		96
20) 3+4-Methylphenols	7.169	107	876357	39.218	ng		91
22) Acetophenone	7.175	105	1068267	36.632	ng	#	95
24) Nitrobenzene	7.345	77	925366	37.856	ng		97
25) Isophorone	7.586	82	1687204	37.298	ng		98
26) 2-Nitrophenol	7.657	139	450419	48.845	ng		94
27) 2,4-Dimethylphenol	7.698	122	740533	39.368	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	988052	36.532	ng		99
29) 2,4-Dichlorophenol	7.898	162	671915	38.376	ng		96
30) 1,2,4-Trichlorobenzene	7.986	180	699848	37.020	ng		98
31) Naphthalene	8.069	128	2327839	37.057	ng		99
32) Benzoic acid	7.816	122	481628m	51.059	ng		
33) 4-Chloroaniline	8.116	127	1004234	39.031	ng		98
34) Hexachlorobutadiene	8.186	225	390011	36.061	ng		97
35) Caprolactam	8.492	113	231791	44.455	ng		96
36) 4-Chloro-3-methylphenol	8.592	107	720828	39.224	ng		98
37) 2-Methylnaphthalene	8.757	142	1584450	36.645	ng		100
38) 1-Methylnaphthalene	8.857	142	1478605	36.701	ng		98
40) 1,2,4,5-Tetrachloroben...	8.922	216	645669	35.614	ng		99
41) Hexachlorocyclopentadiene	8.916	237	395159	41.353	ng		99
43) 2,4,6-Trichlorophenol	9.033	196	452535	39.377	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	524097	39.000	ng		97
46)	1,1'-Biphenyl	9.222	154	1826927	35.955	ng		98
47)	2-Chloronaphthalene	9.245	162	1369797	36.429	ng		98
48)	2-Nitroaniline	9.339	65	496962	45.686	ng		97
49)	Acenaphthylene	9.663	152	2192539	36.559	ng		99
50)	Dimethylphthalate	9.528	163	1633864	36.870	ng		100
51)	2,6-Dinitrotoluene	9.580	165	386219	39.752	ng		91
52)	Acenaphthene	9.833	154	1435502	37.144	ng		100
53)	3-Nitroaniline	9.751	138	454413	41.101	ng		96
54)	2,4-Dinitrophenol	9.851	184	203183	53.684	ng		89
55)	Dibenzofuran	10.004	168	1992565	36.340	ng		99
56)	4-Nitrophenol	9.904	139	352860	42.964	ng		97
57)	2,4-Dinitrotoluene	9.986	165	510178	42.546	ng		89
58)	Fluorene	10.345	166	1468592	36.564	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.122	232	401013	38.449	ng		98
60)	Diethylphthalate	10.222	149	1568402	37.876	ng		100
61)	4-Chlorophenyl-phenyle...	10.339	204	730316	35.748	ng		93
62)	4-Nitroaniline	10.363	138	440422	41.445	ng		98
63)	Azobenzene	10.498	77	1691637	36.572	ng		98
65)	4,6-Dinitro-2-methylph...	10.392	198	276740	51.380	ng		85
66)	n-Nitrosodiphenylamine	10.457	169	1329094	36.286	ng		99
67)	4-Bromophenyl-phenylether	10.827	248	463836	36.117	ng		94
68)	Hexachlorobenzene	10.892	284	491839	36.915	ng	#	89
69)	Atrazine	10.986	200	411313	40.176	ng		99
70)	Pentachlorophenol	11.086	266	362164	42.123	ng		99
71)	Phenanthrene	11.304	178	2176920	35.986	ng		99
72)	Anthracene	11.357	178	2262678	36.538	ng		100
73)	Carbazole	11.510	167	2023728	37.768	ng		100
74)	Di-n-butylphthalate	11.851	149	2393829	41.675	ng		99
75)	Fluoranthene	12.492	202	2249343	37.391	ng		100
77)	Benzidine	12.610	184	674828	56.036	ng		96
78)	Pyrene	12.721	202	2327908	36.826	ng		98
80)	Butylbenzylphthalate	13.345	149	864899	55.767	ng		93
81)	Benzo(a)anthracene	13.904	228	1950339	37.096	ng		99
82)	3,3'-Dichlorobenzidine	13.868	252	600636	47.228	ng		99
83)	Chrysene	13.945	228	1922366	36.787	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.910	149	1145816	57.302	ng		100
85)	Di-n-octyl phthalate	14.521	149	1979039	45.863	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.733	276	1495028	39.338	ng		100
88)	Benzo(b)fluoranthene	14.933	252	1705168	41.158	ng		100
89)	Benzo(k)fluoranthene	14.962	252	1527809	37.019	ng		100
90)	Benzo(a)pyrene	15.286	252	1439849	38.041	ng		99
91)	Dibenzo(a,h)anthracene	16.751	278	1259151	38.884	ng		98
92)	Benzo(g,h,i)perylene	17.156	276	1257092	40.545	ng		99

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

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