Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133442.D
Acq On : 18 May 2023 17:09
Operator : CG\JU
Sample : 02828-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 18 19:11:01 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 18 18:12:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-4MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.710	152	173118	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	763238	20.000	ng		0.00
39) Acenaphthene-d10	9.751	164	404845	20.000	ng		0.00
64) Phenanthrene-d10	11.233	188	615318	20.000	ng		0.00
76) Chrysene-d12	13.874	240	391662	20.000	ng		0.00
86) Perylene-d12	15.292	264	437084	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1360930	118.753	ng		0.00
7) Phenol-d6	6.363	99	1646224	115.732	ng		0.00
23) Nitrobenzene-d5	7.281	82	1031699	72.963	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	457236	112.302	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1887333	77.993	ng		0.00
79) Terphenyl-d14	12.822	244	1904017	83.843	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.399	88	244320	45.963	ng		94
3) Pyridine	3.087	79	638974	45.259	ng		95
4) n-Nitrosodimethylamine	3.052	42	326242	44.613	ng		95
6) Aniline	6.375	93	640452	34.958	ng	#	28
8) 2-Chlorophenol	6.504	128	652945	56.115	ng		94
10) Phenol	6.381	94	775556	49.423	ng		85
11) bis(2-Chloroethyl)ether	6.451	93	614644	52.197	ng		95
12) 1,3-Dichlorobenzene	6.651	146	683633	55.261	ng		99
13) 1,4-Dichlorobenzene	6.728	146	699483	56.417	ng		99
14) 1,2-Dichlorobenzene	6.881	146	646810	56.586	ng		97
15) Benzyl Alcohol	6.863	79	524115	53.341	ng		100
16) 2,2'-oxybis(1-Chloropr...	6.998	45	960337	46.954	ng		87
17) 2-Methylphenol	6.987	107	526892	49.452	ng	#	93
18) Hexachloroethane	7.222	117	243674	56.530	ng		96
19) n-Nitroso-di-n-propyla...	7.134	70	425043	47.998	ng		96
20) 3+4-Methylphenols	7.140	107	668354	53.266	ng	#	66
22) Acetophenone	7.128	105	884536	50.030	ng	#	92
24) Nitrobenzene	7.304	77	652420	45.533	ng		95
25) Isophorone	7.540	82	1230099	45.819	ng		98
26) 2-Nitrophenol	7.616	139	374263	54.154	ng		99
27) 2,4-Dimethylphenol	7.663	122	593202	50.057	ng		98
28) bis(2-Chloroethoxy)met...	7.751	93	757600	47.700	ng		99
29) 2,4-Dichlorophenol	7.863	162	551307	51.103	ng		99
30) 1,2,4-Trichlorobenzene	7.945	180	565136	50.565	ng		97
31) Naphthalene	8.022	128	1825138	47.829	ng		99
32) Benzoic acid	7.804	122	329090m	44.958	ng		
33) 4-Chloroaniline	8.075	127	257751	16.718	ng		97
34) Hexachlorobutadiene	8.140	225	309249	49.923	ng		99
35) Caprolactam	8.457	113	201750m	55.669	ng		
36) 4-Chloro-3-methylphenol	8.569	107	589644	50.685	ng		99
37) 2-Methylnaphthalene	8.710	142	1221985	46.840	ng		99
38) 1-Methylnaphthalene	8.810	142	1141943	46.790	ng		99
40) 1,2,4,5-Tetrachloroben...	8.881	216	524294	48.166	ng		99
41) Hexachlorocyclopentadiene	8.869	237	562425	88.595	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	363112	48.236	ng		99
44) 2,4,5-Trichlorophenol	9.039	196	395862	45.469	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.175	154	1533168	47.759	ng		99
47) 2-Chloronaphthalene	9.198	162	1143218	48.654	ng		98
48) 2-Nitroaniline	9.298	65	359382	46.279	ng		96
49) Acenaphthylene	9.616	152	1761510	46.918	ng		99
50) Dimethylphthalate	9.481	163	1392859	49.341	ng		100
51) 2,6-Dinitrotoluene	9.545	165	322900	50.821	ng		85
52) Acenaphthene	9.786	154	1302524m	51.800	ng		
53) 3-Nitroaniline	9.710	138	197758	26.177	ng		98
54) 2,4-Dinitrophenol	9.828	184	347780	108.898	ng		93
55) Dibenzofuran	9.957	168	1567292	45.693	ng		98
56) 4-Nitrophenol	9.892	139	491425	83.987	ng		93
57) 2,4-Dinitrotoluene	9.951	165	402908	49.725	ng		93
58) Fluorene	10.304	166	1191867	47.428	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.081	232	324903	48.137	ng		96
60) Diethylphthalate	10.181	149	1305200	48.950	ng		99
61) 4-Chlorophenyl-phenyle...	10.292	204	591391	48.291	ng		98
62) 4-Nitroaniline	10.333	138	372782	53.689	ng		93
63) Azobenzene	10.451	77	1301663	46.083	ng		98
65) 4,6-Dinitro-2-methylph...	10.363	198	254451	68.225	ng		95
66) n-Nitrosodiphenylamine	10.416	169	1119825	56.105	ng		99
67) 4-Bromophenyl-phenylether	10.781	248	377271	56.533	ng		95
68) Hexachlorobenzene	10.851	284	412057	60.258	ng		99
69) Atrazine	10.945	200	395168	68.711	ng		99
70) Pentachlorophenol	11.051	266	412797	84.761	ng		98
71) Phenanthrene	11.263	178	1536523	46.461	ng		99
72) Anthracene	11.316	178	1595683	47.147	ng		100
73) Carbazole	11.469	167	1450805	48.141	ng		99
74) Di-n-butylphthalate	11.804	149	1750655	51.332	ng		99
75) Fluoranthene	12.451	202	1606725	48.408	ng		95
77) Benzidine	12.575	184	775842	117.140	ng	#	92
78) Pyrene	12.675	202	1633949	48.666	ng		99
80) Butylbenzylphthalate	13.298	149	719295	60.507	ng		96
81) Benzo(a)anthracene	13.863	228	1229508	45.650	ng		99
82) 3,3'-Dichlorobenzidine	13.827	252	198004	26.612	ng		100
83) Chrysene	13.904	228	1239647	46.038	ng		99
84) Bis(2-ethylhexyl)phtha...	13.857	149	850382	56.991	ng		100
85) Di-n-octyl phthalate	14.469	149	1381239	56.771	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.680	276	1624228	65.329	ng		98
88) Benzo(b)fluoranthene	14.892	252	1319510	47.453	ng		100
89) Benzo(k)fluoranthene	14.921	252	1212476	43.987	ng		99
90) Benzo(a)pyrene	15.239	252	1216499	48.064	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	1326393	63.965	ng		99
92) Benzo(g,h,i)perylene	17.098	276	1348054	65.849	ng		98

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

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