Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
Data File : BF134542.D
Acq On : 01 Aug 2023 11:15
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 02 02:16:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:08:18 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/02/2023
Supervised By :mohammad ahmed 08/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	223556	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	818461	20.000	ng	#	0.00
39) Acenaphthene-d10	9.827	164	408232	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	749784	20.000	ng	#	0.00
76) Chrysene-d12	13.963	240	434103	20.000	ng	#	0.00
86) Perylene-d12	15.415	264	462340	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1571780	106.875	ng		0.00
7) Phenol-d6	6.434	99	2053239	109.217	ng		0.00
23) Nitrobenzene-d5	7.363	82	1664409	127.084	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	504547	121.241	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	2598306	105.827	ng		0.00
79) Terphenyl-d14	12.916	244	2969074	120.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.551	88	386463	57.114	ng		95
3) Pyridine	3.304	79	1030226	56.187	ng		92
4) n-Nitrosodimethylamine	3.281	42	510442	58.264	ng	#	70
6) Aniline	6.463	93	1388783	56.321	ng		92
8) 2-Chlorophenol	6.587	128	814662	54.913	ng		93
9) Benzaldehyde	6.351	77	447572	61.412	ng		95
10) Phenol	6.445	94	1025049m	55.327	ng		
11) bis(2-Chloroethyl)ether	6.545	93	811900	55.167	ng		93
12) 1,3-Dichlorobenzene	6.739	146	839692	54.705	ng		94
13) 1,4-Dichlorobenzene	6.816	146	831633	54.061	ng		98
14) 1,2-Dichlorobenzene	6.969	146	750814	52.383	ng		96
15) Benzyl Alcohol	6.939	79	692360	53.384	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1279378	55.488	ng		89
17) 2-Methylphenol	7.045	107	737303	56.241	ng		93
18) Hexachloroethane	7.310	117	308155	57.075	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	601921	53.476	ng		92
20) 3+4-Methylphenols	7.204	107	812874	51.415	ng	#	74
22) Acetophenone	7.210	105	1007434	53.318	ng	#	92
24) Nitrobenzene	7.381	77	882568	62.376	ng		98
25) Isophorone	7.622	82	1663403	58.231	ng		99
26) 2-Nitrophenol	7.692	139	380418	61.667	ng	#	92
27) 2,4-Dimethylphenol	7.734	122	717760	56.313	ng		85
28) bis(2-Chloroethoxy)met...	7.833	93	975481	57.086	ng		100
29) 2,4-Dichlorophenol	7.933	162	680824	58.853	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	704798	57.134	ng		97
31) Naphthalene	8.098	128	2255846	54.841	ng		98
32) Benzoic acid	7.875	122	536975	61.866	ng		91
33) 4-Chloroaniline	8.151	127	1061249	57.902	ng		98
34) Hexachlorobutadiene	8.216	225	403574	56.717	ng		96
35) Caprolactam	8.533	113	233216m	62.466	ng		
36) 4-Chloro-3-methylphenol	8.628	107	718417	58.641	ng		93
37) 2-Methylnaphthalene	8.786	142	1483345	54.404	ng		99
38) 1-Methylnaphthalene	8.886	142	1402442	55.315	ng		98
40) 1,2,4,5-Tetrachloroben...	8.951	216	663509	55.893	ng		99
41) Hexachlorocyclopentadiene	8.939	237	354032	61.328	ng		92
43) 2,4,6-Trichlorophenol	9.063	196	471019	60.627	ng		95

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44) 2,4,5-Trichlorophenol	9.098	196	524645	59.086	ng		92
46) 1,1'-Biphenyl	9.257	154	1708966	53.834	ng		98
47) 2-Chloronaphthalene	9.280	162	1317250	55.378	ng		97
48) 2-Nitroaniline	9.375	65	465217	61.761	ng		96
49) Acenaphthylene	9.692	152	2068525	55.323	ng		98
50) Dimethylphthalate	9.563	163	1592768	57.245	ng		97
51) 2,6-Dinitrotoluene	9.622	165	354216	61.399	ng	#	83
52) Acenaphthene	9.869	154	1354858	55.915	ng		98
53) 3-Nitroaniline	9.792	138	424843	68.505	ng		98
54) 2,4-Dinitrophenol	9.886	184	128437	62.874	ng		88
55) Dibenzofuran	10.039	168	1875802	54.381	ng		96
56) 4-Nitrophenol	9.939	139	334775	66.002	ng	#	81
57) 2,4-Dinitrotoluene	10.022	165	442563	63.306	ng		93
58) Fluorene	10.380	166	1305138	51.947	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.151	232	419333	59.593	ng		95
60) Diethylphthalate	10.263	149	1494743	56.677	ng		96
61) 4-Chlorophenyl-phenyle...	10.374	204	650104	52.642	ng		94
62) 4-Nitroaniline	10.410	138	415928	68.425	ng		87
63) Azobenzene	10.539	77	1595081	56.292	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	197287	62.002	ng		96
66) n-Nitrosodiphenylamine	10.498	169	1337867	56.060	ng		99
67) 4-Bromophenyl-phenylether	10.869	248	470848	57.366	ng		92
68) Hexachlorobenzene	10.922	284	497660	57.418	ng		99
69) Atrazine	11.027	200	343841	53.454	ng		97
70) Pentachlorophenol	11.116	266	346415	64.552	ng		96
71) Phenanthrene	11.345	178	2158717	54.204	ng		99
72) Anthracene	11.398	178	2219716	54.566	ng		98
73) Carbazole	11.551	167	2009746	55.332	ng		99
74) Di-n-butylphthalate	11.892	149	2203310	57.098	ng		98
75) Fluoranthene	12.533	202	2320837	55.168	ng		96
77) Benzidine	12.657	184	465831	49.433	ng		97
78) Pyrene	12.763	202	2375644	63.243	ng		96
80) Butylbenzylphthalate	13.392	149	881407	69.392	ng	#	92
81) Benzo(a)anthracene	13.951	228	1856351	59.804	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	532400	59.172	ng		98
83) Chrysene	13.992	228	1829321	60.490	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	937537	62.721	ng		98
85) Di-n-octyl phthalate	14.574	149	1557205	68.506	ng		96
87) Indeno(1,2,3-cd)pyrene	16.892	276	1824634	67.103	ng	#	92
88) Benzo(b)fluoranthene	14.992	252	1640901	58.193	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	1589236	56.577	ng	#	98
90) Benzo(a)pyrene	15.362	252	1571940	59.790	ng	#	97
91) Dibenzo(a,h)anthracene	16.921	278	1463156	66.583	ng	#	96
92) Benzo(g,h,i)perylene	17.345	276	1513283	67.510	ng	#	92

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

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