Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061224\
Data File : BF138192.D
Acq On : 12 Jun 2024 14:06
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 01:48:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:38:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	372299	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	1380977	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	713553	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	1152696	20.000	ng		0.00
76) Chrysene-d12	14.051	240	587429	20.000	ng		0.00
86) Perylene-d12	15.521	264	681996	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	2109412	94.781	ng		0.00
7) Phenol-d6	6.522	99	2664546	94.417	ng		0.00
23) Nitrobenzene-d5	7.463	82	2334174	98.399	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	683454	96.213	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	4019711	89.579	ng		0.00
79) Terphenyl-d14	12.998	244	3575256	96.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	489236	48.035	ng		99
3) Pyridine	3.451	79	1152403	47.607	ng		100
4) n-Nitrosodimethylamine	3.416	42	540947	48.286	ng		98
6) Aniline	6.592	93	1323430m	47.926	ng		
8) 2-Chlorophenol	6.681	128	1152685	47.906	ng		96
9) Benzaldehyde	6.445	77	629643	42.007	ng		98
10) Phenol	6.539	94	1374066m	47.978	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1084182	47.300	ng		98
12) 1,3-Dichlorobenzene	6.834	146	1291798	47.241	ng		99
13) 1,4-Dichlorobenzene	6.916	146	1299521	47.223	ng		97
14) 1,2-Dichlorobenzene	7.069	146	1207598	46.746	ng		98
15) Benzyl Alcohol	7.034	79	914059	48.037	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1529713	47.287	ng		99
17) 2-Methylphenol	7.145	107	895708	47.183	ng		99
18) Hexachloroethane	7.410	117	452665	48.555	ng		99
19) n-Nitroso-di-n-propyla...	7.310	70	782911	46.802	ng		96
20) 3+4-Methylphenols	7.298	107	1123240	47.009	ng	#	89
22) Acetophenone	7.304	105	1473757	46.716	ng	#	95
24) Nitrobenzene	7.481	77	1190533	48.559	ng		97
25) Isophorone	7.716	82	2027008	47.242	ng		99
26) 2-Nitrophenol	7.792	139	541151	54.891	ng		96
27) 2,4-Dimethylphenol	7.828	122	721871	48.129	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1272831	47.389	ng		99
29) 2,4-Dichlorophenol	8.033	162	944176	48.895	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	1076697	47.280	ng		99
31) Naphthalene	8.198	128	3191766	46.741	ng		99
32) Benzoic acid	7.951	122	697723	52.781	ng		98
33) 4-Chloroaniline	8.251	127	1201764	47.087	ng		99
34) Hexachlorobutadiene	8.316	225	633654	47.576	ng		99
35) Caprolactam	8.622	113	276314	47.397	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	917410	47.716	ng		95
37) 2-Methylnaphthalene	8.892	142	2082127	46.460	ng		99
38) 1-Methylnaphthalene	8.986	142	2040322	46.458	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	1015295	48.692	ng		100
41) Hexachlorocyclopentadiene	9.039	237	370843	54.544	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	662698	50.758	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	710885	49.581	ng		96
46)	1,1'-Biphenyl	9.357	154	2497923	47.707	ng		99
47)	2-Chloronaphthalene	9.380	162	1959685	47.358	ng		98
48)	2-Nitroaniline	9.475	65	526715	52.854	ng		90
49)	Acenaphthylene	9.792	152	2768274	47.708	ng		99
50)	Dimethylphthalate	9.657	163	2056388	47.036	ng		99
51)	2,6-Dinitrotoluene	9.716	165	488132	51.465	ng		91
52)	Acenaphthene	9.969	154	1881394	47.549	ng		99
53)	3-Nitroaniline	9.886	138	508096	50.146	ng		94
54)	2,4-Dinitrophenol	9.986	184	194257	48.247	ng	#	90
55)	Dibenzofuran	10.139	168	2580426	46.652	ng		99
56)	4-Nitrophenol	10.033	139	400262	49.988	ng		94
57)	2,4-Dinitrotoluene	10.116	165	599469	51.244	ng		89
58)	Fluorene	10.480	166	1996874	45.917	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.251	232	540585	48.243	ng		99
60)	Diethylphthalate	10.351	149	1932748	46.579	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	1001696	46.248	ng		99
62)	4-Nitroaniline	10.498	138	478712	47.287	ng		96
63)	Azobenzene	10.633	77	1948126	46.863	ng		95
65)	4,6-Dinitro-2-methylph...	10.522	198	275831	47.111	ng		88
66)	n-Nitrosodiphenylamine	10.592	169	1735264	49.171	ng		99
67)	4-Bromophenyl-phenylether	10.963	248	644044	49.584	ng		97
68)	Hexachlorobenzene	11.022	284	746191	49.227	ng		99
69)	Atrazine	11.116	200	465902	46.351	ng		97
70)	Pentachlorophenol	11.216	266	456317	51.618	ng		99
71)	Phenanthrene	11.439	178	2667596	46.796	ng		99
72)	Anthracene	11.492	178	2655029	46.911	ng		98
73)	Carbazole	11.645	167	2361298	45.488	ng		100
74)	Di-n-butylphthalate	11.974	149	2454349	45.670	ng		100
75)	Fluoranthene	12.627	202	2513387	43.238	ng		99
77)	Benzidine	12.745	184	372444	54.815	ng		99
78)	Pyrene	12.857	202	2556598	50.457	ng		100
80)	Butylbenzylphthalate	13.474	149	695244	50.444	ng		97
81)	Benzo(a)anthracene	14.039	228	1815934	48.185	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	493058	47.509	ng		99
83)	Chrysene	14.080	228	1744954	48.576	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	824305	51.423	ng		99
85)	Di-n-octyl phthalate	14.645	149	1353727	56.846	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.009	276	2399820	53.978	ng		99
88)	Benzo(b)fluoranthene	15.092	252	1845179	45.879	ng		98
89)	Benzo(k)fluoranthene	15.121	252	1836942	46.605	ng		99
90)	Benzo(a)pyrene	15.462	252	1678796	48.589	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	1972839	54.061	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	2038867	54.007	ng		99

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

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