Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139169.D
Acq On : 26 Aug 2024 18:06
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 27 02:46:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:30:30 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	105924	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	382113	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	212002	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	362888	20.000	ng	0.00
76) Chrysene-d12	14.051	240	177462	20.000	ng	0.00
86) Perylene-d12	15.521	264	196015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	634718	100.690	ng	0.00
7) Phenol-d6	6.522	99	844215	97.583	ng	0.00
23) Nitrobenzene-d5	7.463	82	736281	106.749	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	188035	103.561	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1256822	92.088	ng	0.00
79) Terphenyl-d14	12.998	244	1091754	95.992	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	144961	48.627	ng	99
3) Pyridine	3.434	79	351681	47.469	ng	100
4) n-Nitrosodimethylamine	3.399	42	209597	48.595	ng	99
6) Aniline	6.592	93	387558m	47.789	ng	
8) 2-Chlorophenol	6.681	128	310746	51.887	ng	99
9) Benzaldehyde	6.445	77	240777	44.466	ng	99
10) Phenol	6.540	94	425837	48.090	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	326600	47.477	ng	99
12) 1,3-Dichlorobenzene	6.834	146	375519	47.548	ng	99
13) 1,4-Dichlorobenzene	6.910	146	376055	47.460	ng	99
14) 1,2-Dichlorobenzene	7.069	146	348748	46.780	ng	99
15) Benzyl Alcohol	7.034	79	332093	50.928	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	470999	47.230	ng	99
17) 2-Methylphenol	7.145	107	268305	49.143	ng	98
18) Hexachloroethane	7.410	117	127682	50.933	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	253786	49.047	ng	100
20) 3+4-Methylphenols	7.298	107	338791	48.647	ng	93
22) Acetophenone	7.304	105	466290	47.493	ng	97
24) Nitrobenzene	7.481	77	392574	48.793	ng	98
25) Isophorone	7.716	82	654332	47.972	ng	100
26) 2-Nitrophenol	7.792	139	120492	49.404	ng	99
27) 2,4-Dimethylphenol	7.828	122	206028	50.963	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	377090	47.752	ng	99
29) 2,4-Dichlorophenol	8.034	162	264963	53.099	ng	97
30) 1,2,4-Trichlorobenzene	8.116	180	302666	47.035	ng	99
31) Naphthalene	8.198	128	922522	47.216	ng	100
32) Benzoic acid	7.945	122	159484	46.498	ng	99
33) 4-Chloroaniline	8.251	127	325563	48.352	ng	99
34) Hexachlorobutadiene	8.316	225	199504	47.710	ng	99
35) Caprolactam	8.622	113	80023	52.276	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	288262	50.370	ng	99
37) 2-Methylnaphthalene	8.886	142	573619	46.831	ng	99
38) 1-Methylnaphthalene	8.986	142	564944	47.190	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	294738	46.871	ng	99
41) Hexachlorocyclopentadiene	9.039	237	105701	52.349	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	189873	54.002	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	200047	54.279	ng	99
46) 1,1'-Biphenyl	9.351	154	717041	46.727	ng	99
47) 2-Chloronaphthalene	9.375	162	571928	46.717	ng	98
48) 2-Nitroaniline	9.469	65	175008	48.494	ng	98
49) Acenaphthylene	9.792	152	816809	47.351	ng	100
50) Dimethylphthalate	9.651	163	608854	49.716	ng	100
51) 2,6-Dinitrotoluene	9.710	165	126989	48.266	ng	99
52) Acenaphthene	9.963	154	537391	47.423	ng	99
53) 3-Nitroaniline	9.880	138	133065	49.616	ng	99
54) 2,4-Dinitrophenol	9.980	184	46657	48.956	ng	89
55) Dibenzofuran	10.133	168	776381	46.945	ng	99
56) 4-Nitrophenol	10.033	139	104311	48.790	ng	99
57) 2,4-Dinitrotoluene	10.116	165	162500	48.772	ng	96
58) Fluorene	10.475	166	606609	46.492	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	157379	53.280	ng	98
60) Diethylphthalate	10.351	149	576832	50.019	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	293722	45.871	ng	98
62) 4-Nitroaniline	10.492	138	133658	49.424	ng	99
63) Azobenzene	10.627	77	668689	47.698	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	67860	48.825	ng	95
66) n-Nitrosodiphenylamine	10.586	169	505666	47.050	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	183140	47.498	ng	98
68) Hexachlorobenzene	11.022	284	196343	47.053	ng	99
69) Atrazine	11.110	200	114572	48.875	ng	99
70) Pentachlorophenol	11.210	266	129739	52.958	ng	98
71) Phenanthrene	11.439	178	862073	47.010	ng	100
72) Anthracene	11.492	178	843827	47.206	ng	100
73) Carbazole	11.645	167	749708	46.883	ng	100
74) Di-n-butylphthalate	11.974	149	727799	52.513	ng	100
75) Fluoranthene	12.621	202	819564	46.053	ng	99
77) Benzidine	12.745	184	158239	52.842	ng	99
78) Pyrene	12.851	202	818370	49.094	ng	99
80) Butylbenzylphthalate	13.474	149	163764	47.836	ng	98
81) Benzo(a)anthracene	14.039	228	549201	46.708	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	136861	49.992	ng	99
83) Chrysene	14.074	228	505847	47.691	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	175841	48.008	ng	100
85) Di-n-octyl phthalate	14.645	149	362807	46.511	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	655619	48.917	ng	100
88) Benzo(b)fluoranthene	15.092	252	525463	45.827	ng	99
89) Benzo(k)fluoranthene	15.121	252	507281	48.934	ng	99
90) Benzo(a)pyrene	15.462	252	475116	48.817	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	536706	48.857	ng	99
92) Benzo(g,h,i)perylene	17.456	276	557964	49.105	ng	99

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

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