Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120523\
Data File : BF136408.D
Acq On : 05 Dec 2023 16:05
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 06 09:35:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:31:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122220	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	499492	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	262580	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	499511	20.000	ng	0.00
76) Chrysene-d12	13.980	240	294765	20.000	ng	0.00
86) Perylene-d12	15.451	264	235965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	688754	83.225	ng	0.00
7) Phenol-d6	6.445	99	857594	83.057	ng	0.00
23) Nitrobenzene-d5	7.369	82	777375	84.136	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	272345	84.119	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1582063	82.212	ng	0.00
79) Terphenyl-d14	12.921	244	1854978	82.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	137043	41.866	ng	100
3) Pyridine	3.340	79	340894	43.004	ng	100
4) n-Nitrosodimethylamine	3.310	42	146454	42.525	ng	100
6) Aniline	6.469	93	441215	42.282	ng	100
8) 2-Chlorophenol	6.592	128	374896	41.495	ng	100
9) Benzaldehyde	6.357	77	222488	43.501	ng	100
10) Phenol	6.457	94	458408	41.722	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	337998	41.271	ng	100
12) 1,3-Dichlorobenzene	6.745	146	422609	41.593	ng	100
13) 1,4-Dichlorobenzene	6.822	146	427608	41.487	ng	100
14) 1,2-Dichlorobenzene	6.975	146	400882	41.361	ng	100
15) Benzyl Alcohol	6.945	79	292956	42.370	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	435531	41.349	ng	100
17) 2-Methylphenol	7.057	107	307320	42.103	ng	100
18) Hexachloroethane	7.310	117	151353	42.060	ng	100
19) n-Nitroso-di-n-propyla...	7.222	70	249304	41.856	ng	100
20) 3+4-Methylphenols	7.210	107	374869	41.376	ng	100
22) Acetophenone	7.216	105	510609	41.397	ng	100
24) Nitrobenzene	7.387	77	387329	41.672	ng	100
25) Isophorone	7.622	82	696463	41.956	ng	100
26) 2-Nitrophenol	7.698	139	196338	42.967	ng	100
27) 2,4-Dimethylphenol	7.739	122	237682	42.184	ng	100
28) bis(2-Chloroethoxy)met...	7.834	93	423745	41.543	ng	100
29) 2,4-Dichlorophenol	7.939	162	315505	42.423	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	363910	41.963	ng	100
31) Naphthalene	8.104	128	1149557	41.734	ng	100
32) Benzoic acid	7.869	122	246366	43.971	ng	100
33) 4-Chloroaniline	8.157	127	416377	42.401	ng	100
34) Hexachlorobutadiene	8.216	225	214543	41.744	ng	100
35) Caprolactam	8.534	113	96554	42.158	ng	100
36) 4-Chloro-3-methylphenol	8.639	107	333052	42.177	ng	100
37) 2-Methylnaphthalene	8.792	142	724663	41.353	ng	100
38) 1-Methylnaphthalene	8.892	142	713122	41.471	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	337599	41.326	ng	100
41) Hexachlorocyclopentadiene	8.945	237	130871	43.242	ng	100
43) 2,4,6-Trichlorophenol	9.075	196	222673	41.862	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	250124	42.131	ng	100
46) 1,1'-Biphenyl	9.263	154	922821	41.303	ng	100
47) 2-Chloronaphthalene	9.286	162	716203	41.185	ng	100
48) 2-Nitroaniline	9.381	65	198329	42.523	ng	100
49) Acenaphthylene	9.698	152	1026268	41.428	ng	100
50) Dimethylphthalate	9.569	163	800275	41.396	ng	100
51) 2,6-Dinitrotoluene	9.628	165	182443	41.949	ng	100
52) Acenaphthene	9.875	154	656254m	41.349	ng	
53) 3-Nitroaniline	9.798	138	186956	42.096	ng	100
54) 2,4-Dinitrophenol	9.904	184	99092	45.064	ng	100
55) Dibenzofuran	10.045	168	956775	41.257	ng	100
56) 4-Nitrophenol	9.957	139	146818	44.098	ng	100
57) 2,4-Dinitrotoluene	10.033	165	243225	42.275	ng	100
58) Fluorene	10.386	166	762011	40.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	199833	42.022	ng	100
60) Diethylphthalate	10.269	149	791446	41.634	ng	100
61) 4-Chlorophenyl-phenyle...	10.380	204	368521	40.608	ng	100
62) 4-Nitroaniline	10.416	138	191118	43.338	ng	100
63) Azobenzene	10.545	77	718094	41.501	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	141056	45.597	ng	100
66) n-Nitrosodiphenylamine	10.504	169	653230	40.755	ng	100
67) 4-Bromophenyl-phenylether	10.875	248	242524	41.760	ng	100
68) Hexachlorobenzene	10.933	284	277006	41.268	ng	100
69) Atrazine	11.033	200	177122	38.718	ng	100
70) Pentachlorophenol	11.127	266	162560	42.911	ng	100
71) Phenanthrene	11.351	178	1128725	41.111	ng	100
72) Anthracene	11.404	178	1140216	41.232	ng	100
73) Carbazole	11.563	167	1018076	41.596	ng	100
74) Di-n-butylphthalate	11.898	149	1251931	41.725	ng	100
75) Fluoranthene	12.545	202	1193823	41.493	ng	100
77) Benzidine	12.669	184	249505	38.257	ng	100
78) Pyrene	12.774	202	1207219	41.818	ng	100
80) Butylbenzylphthalate	13.404	149	440620	42.876	ng	100
81) Benzo(a)anthracene	13.968	228	836599	40.746	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	233490	40.559	ng	100
83) Chrysene	14.004	228	835621	41.366	ng	100
84) Bis(2-ethylhexyl)phtha...	13.963	149	538590	42.752	ng	100
85) Di-n-octyl phthalate	14.580	149	789836	42.445	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	724205	44.178	ng	100
88) Benzo(b)fluoranthene	15.021	252	648901	40.221	ng	100
89) Benzo(k)fluoranthene	15.051	252	643345	42.313	ng	100
90) Benzo(a)pyrene	15.392	252	556097	41.737	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	590295	43.954	ng	100
92) Benzo(g,h,i)perylene	17.421	276	609921	44.247	ng	100

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

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