Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139810.D
Acq On : 15 Oct 2024 14:12
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 15 16:27:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 15:37:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92744	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	335732	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	174173	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	264179	20.000	ng	0.00
76) Chrysene-d12	14.016	240	139890	20.000	ng	0.00
86) Perylene-d12	15.480	264	186937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	528878	96.218	ng	0.00
7) Phenol-d6	6.493	99	691999	94.664	ng	0.00
23) Nitrobenzene-d5	7.422	82	632634	96.988	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	135692	92.374	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1086551	93.306	ng	0.00
79) Terphenyl-d14	12.957	244	683132	97.766	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	116104	48.544	ng	99
3) Pyridine	3.352	79	283461	48.430	ng	99
4) n-Nitrosodimethylamine	3.310	42	169636	48.802	ng	99
6) Aniline	6.522	93	299427	47.539	ng	98
8) 2-Chlorophenol	6.646	128	278733	48.030	ng	99
9) Benzaldehyde	6.410	77	185381	45.149	ng	100
10) Phenol	6.510	94	365657	47.653	ng	93
11) bis(2-Chloroethyl)ether	6.593	93	273999	47.883	ng	99
12) 1,3-Dichlorobenzene	6.798	146	311509	47.474	ng	99
13) 1,4-Dichlorobenzene	6.875	146	315215	47.889	ng	99
14) 1,2-Dichlorobenzene	7.028	146	289927	47.474	ng	100
15) Benzyl Alcohol	6.998	79	253068	48.099	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	477407	47.607	ng	98
17) 2-Methylphenol	7.110	107	227333	48.424	ng	99
18) Hexachloroethane	7.363	117	114958	48.207	ng	99
19) n-Nitroso-di-n-propyla...	7.269	70	198350	46.595	ng	99
20) 3+4-Methylphenols	7.269	107	274701	46.534	ng	97
22) Acetophenone	7.269	105	372185	47.237	ng	99
24) Nitrobenzene	7.440	77	331582	48.762	ng	100
25) Isophorone	7.675	82	532871	47.870	ng	99
26) 2-Nitrophenol	7.757	139	148677	50.217	ng	99
27) 2,4-Dimethylphenol	7.793	122	172586	47.972	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	326667	47.817	ng	99
29) 2,4-Dichlorophenol	7.998	162	226026	48.443	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	257056	48.389	ng	100
31) Naphthalene	8.157	128	830795	48.015	ng	100
32) Benzoic acid	7.922	122	176273	53.066	ng	98
33) 4-Chloroaniline	8.210	127	269616	47.515	ng	99
34) Hexachlorobutadiene	8.269	225	163765	48.582	ng	99
35) Caprolactam	8.587	113	62797	47.670	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	238451	48.124	ng	100
37) 2-Methylnaphthalene	8.845	142	516294	47.593	ng	99
38) 1-Methylnaphthalene	8.945	142	500419	47.384	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	243501	48.134	ng	99
41) Hexachlorocyclopentadiene	8.998	237	56552	48.834	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	156656	48.711	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	166372	48.278	ng	99
46) 1,1'-Biphenyl	9.316	154	629130	47.773	ng	100
47) 2-Chloronaphthalene	9.339	162	480417	47.747	ng	99
48) 2-Nitroaniline	9.434	65	160439	48.841	ng	100
49) Acenaphthylene	9.751	152	705451	47.740	ng	100
50) Dimethylphthalate	9.616	163	497217	46.638	ng	100
51) 2,6-Dinitrotoluene	9.681	165	116966	48.084	ng	99
52) Acenaphthene	9.928	154	438772m	46.888	ng	
53) 3-Nitroaniline	9.845	138	114754	47.315	ng	100
54) 2,4-Dinitrophenol	9.957	184	51597	52.194	ng	99
55) Dibenzofuran	10.098	168	665211	47.391	ng	100
56) 4-Nitrophenol	10.010	139	73347	50.236	ng	98
57) 2,4-Dinitrotoluene	10.081	165	141278	47.042	ng	99
58) Fluorene	10.439	166	502617	46.008	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	122880	47.952	ng	99
60) Diethylphthalate	10.310	149	474953	45.791	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	253830	47.023	ng	99
62) 4-Nitroaniline	10.457	138	102939	46.406	ng	99
63) Azobenzene	10.592	77	507154	46.901	ng	100
65) 4,6-Dinitro-2-methylph...	10.492	198	71591	51.654	ng	99
66) n-Nitrosodiphenylamine	10.551	169	411268	49.216	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	142220	49.969	ng	98
68) Hexachlorobenzene	10.986	284	157101	49.343	ng	99
69) Atrazine	11.069	200	62234	39.893	ng	99
70) Pentachlorophenol	11.181	266	72776	53.449	ng	99
71) Phenanthrene	11.398	178	600894	47.619	ng	100
72) Anthracene	11.451	178	590335	47.609	ng	100
73) Carbazole	11.610	167	512540	46.720	ng	99
74) Di-n-butylphthalate	11.933	149	551131	46.234	ng	99
75) Fluoranthene	12.586	202	539545	45.316	ng	99
77) Benzidine	12.710	184	123647	52.913	ng	99
78) Pyrene	12.816	202	541719	39.393	ng	99
80) Butylbenzylphthalate	13.427	149	176410	47.318	ng	96
81) Benzo(a)anthracene	14.004	228	446911	48.097	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	158689	51.256	ng	99
83) Chrysene	14.039	228	416028	49.123	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	245801	51.113	ng	99
85) Di-n-octyl phthalate	14.598	149	482707	53.953	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	595066	47.537	ng	100
88) Benzo(b)fluoranthene	15.051	252	524435	48.909	ng	98
89) Benzo(k)fluoranthene	15.086	252	456623	47.985	ng	99
90) Benzo(a)pyrene	15.421	252	457896	48.890	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	491917	47.919	ng	99
92) Benzo(g,h,i)perylene	17.404	276	510179	47.384	ng	99

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

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