Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051424\
Data File : BF137914.D
Acq On : 14 May 2024 13:14
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 17:18:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 15:07:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	142006	20.000	ng	0.00
21) Naphthalene-d8	8.328	136	550835	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	311581	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	535112	20.000	ng	0.00
76) Chrysene-d12	14.227	240	324526	20.000	ng	0.00
86) Perylene-d12	15.786	264	256022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	657383	78.635	ng	0.00
7) Phenol-d6	6.657	99	803268	78.001	ng	0.00
23) Nitrobenzene-d5	7.610	82	731434	78.145	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	254943	81.149	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1518248	75.059	ng	0.00
79) Terphenyl-d14	13.163	244	1661072	75.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.940	88	143930	39.742	ng	100
3) Pyridine	3.710	79	329343	40.529	ng	100
4) n-Nitrosodimethylamine	3.675	42	140816	39.281	ng	100
6) Aniline	6.704	93	367168	39.329	ng	100
8) 2-Chlorophenol	6.828	128	357795	39.548	ng	100
9) Benzaldehyde	6.598	77	223835	40.174	ng	100
10) Phenol	6.669	94	408608	39.310	ng	100
11) bis(2-Chloroethyl)ether	6.775	93	314416	39.395	ng	100
12) 1,3-Dichlorobenzene	6.987	146	410552	39.221	ng	100
13) 1,4-Dichlorobenzene	7.063	146	412346	39.245	ng	100
14) 1,2-Dichlorobenzene	7.216	146	386104	39.045	ng	100
15) Benzyl Alcohol	7.175	79	287357	43.214	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.310	45	389515	39.704	ng	100
17) 2-Methylphenol	7.281	107	284985	39.499	ng	100
18) Hexachloroethane	7.557	117	142093	39.965	ng	100
19) n-Nitroso-di-n-propyla...	7.451	70	227559	39.331	ng	100
20) 3+4-Methylphenols	7.434	107	373478	39.513	ng	100
22) Acetophenone	7.451	105	474961	38.491	ng	100
24) Nitrobenzene	7.628	77	371612	39.137	ng	100
25) Isophorone	7.857	82	635526	39.122	ng	100
26) 2-Nitrophenol	7.939	139	192954	40.442	ng	100
27) 2,4-Dimethylphenol	7.963	122	242215	39.432	ng	100
28) bis(2-Chloroethoxy)met...	8.063	93	381543	38.753	ng	100
29) 2,4-Dichlorophenol	8.175	162	308317	39.915	ng	100
30) 1,2,4-Trichlorobenzene	8.263	180	334401	38.774	ng	100
31) Naphthalene	8.351	128	1075021	38.815	ng	100
32) Benzoic acid	8.069	122	209631	40.279	ng	100
33) 4-Chloroaniline	8.392	127	362567	39.933	ng	100
34) Hexachlorobutadiene	8.457	225	212644	38.954	ng	100
35) Caprolactam	8.763	113	91698m	40.966	ng	
36) 4-Chloro-3-methylphenol	8.863	107	311522	39.645	ng	100
37) 2-Methylnaphthalene	9.039	142	690282	38.773	ng	100
38) 1-Methylnaphthalene	9.139	142	676741	38.666	ng	100
40) 1,2,4,5-Tetrachloroben...	9.204	216	322889	38.118	ng	100
41) Hexachlorocyclopentadiene	9.186	237	133014	41.326	ng	100
43) 2,4,6-Trichlorophenol	9.310	196	217845	39.223	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.351	196	242124	39.842	ng	100
46)	1,1'-Biphenyl	9.504	154	830639	38.009	ng	100
47)	2-Chloronaphthalene	9.533	162	669958	38.404	ng	100
48)	2-Nitroaniline	9.622	65	180661	40.441	ng	100
49)	Acenaphthylene	9.951	152	981320	39.121	ng	100
50)	Dimethylphthalate	9.798	163	764638	39.135	ng	100
51)	2,6-Dinitrotoluene	9.863	165	179416	40.009	ng	100
52)	Acenaphthene	10.122	154	643986	38.843	ng	100
53)	3-Nitroaniline	10.033	138	176714	40.309	ng	100
54)	2,4-Dinitrophenol	10.133	184	86075	39.402	ng	100
55)	Dibenzofuran	10.292	168	932728	38.657	ng	100
56)	4-Nitrophenol	10.175	139	135949	43.176	ng	100
57)	2,4-Dinitrotoluene	10.269	165	240196	41.433	ng	100
58)	Fluorene	10.639	166	744113	38.990	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.404	232	194213	40.681	ng	100
60)	Diethylphthalate	10.498	149	725892	39.780	ng	100
61)	4-Chlorophenyl-phenyle...	10.622	204	369281	39.237	ng	100
62)	4-Nitroaniline	10.651	138	173806	41.800	ng	100
63)	Azobenzene	10.786	77	653442	39.368	ng	100
65)	4,6-Dinitro-2-methylph...	10.675	198	128512	41.593	ng	100
66)	n-Nitrosodiphenylamine	10.745	169	633548	38.607	ng	100
67)	4-Bromophenyl-phenylether	11.116	248	226015	38.527	ng	100
68)	Hexachlorobenzene	11.186	284	248055	38.253	ng	100
69)	Atrazine	11.263	200	181459	40.494	ng	100
70)	Pentachlorophenol	11.374	266	163910	43.152	ng	100
71)	Phenanthrene	11.604	178	1013699	38.442	ng	100
72)	Anthracene	11.657	178	1012587	38.702	ng	100
73)	Carbazole	11.810	167	936254	39.173	ng	100
74)	Di-n-butylphthalate	12.127	149	1076800	40.597	ng	100
75)	Fluoranthene	12.798	202	1074740	40.153	ng	100
77)	Benzidine	12.916	184	242307	57.132	ng	100
78)	Pyrene	13.027	202	1078361	37.991	ng	100
80)	Butylbenzylphthalate	13.633	149	356899	41.686	ng	100
81)	Benzo(a)anthracene	14.215	228	798167	38.875	ng	100
82)	3,3'-Dichlorobenzidine	14.174	252	226606	39.826	ng	100
83)	Chrysene	14.257	228	756043	38.503	ng	100
84)	Bis(2-ethylhexyl)phtha...	14.186	149	450178	41.829	ng	100
85)	Di-n-octyl phthalate	14.810	149	604433	41.572	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.409	276	639084	38.853	ng	100
88)	Benzo(b)fluoranthene	15.315	252	617914	41.684	ng	100
89)	Benzo(k)fluoranthene	15.351	252	577217	39.636	ng	100
90)	Benzo(a)pyrene	15.721	252	509908	40.283	ng	100
91)	Dibenzo(a,h)anthracene	17.427	278	531377	39.100	ng	100
92)	Benzo(g,h,i)perylene	17.909	276	548006	38.385	ng	100

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

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