Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141143.D
Acq On : 14 Jan 2025 14:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 14 14:35:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	156814	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	600266	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	312772	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	504642	20.000	ng		0.00
76) Chrysene-d12	13.980	240	281323	20.000	ng		0.00
86) Perylene-d12	15.439	264	320019	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	776813	76.525	ng		0.00
7) Phenol-d6	6.445	99	969358	75.387	ng		0.00
23) Nitrobenzene-d5	7.387	82	885711	78.216	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	286579	80.413	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1619823	79.084	ng		0.00
79) Terphenyl-d14	12.927	244	1457589	77.008	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	172584	38.179	ng		98
3) Pyridine	3.263	79	413886	37.337	ng		97
4) n-Nitrosodimethylamine	3.216	42	206548	38.107	ng		100
6) Aniline	6.481	93	435674	38.163	ng		99
8) 2-Chlorophenol	6.604	128	416076	38.204	ng		98
9) Benzaldehyde	6.369	77	288432	38.086	ng		99
10) Phenol	6.457	94	520072	37.784	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	390537	38.072	ng		97
12) 1,3-Dichlorobenzene	6.763	146	469957	38.690	ng		99
13) 1,4-Dichlorobenzene	6.840	146	472321	38.587	ng		100
14) 1,2-Dichlorobenzene	6.992	146	437683	38.334	ng		99
15) Benzyl Alcohol	6.957	79	345482	37.204	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	518523	36.224	ng		97
17) 2-Methylphenol	7.069	107	334146	38.003	ng		99
18) Hexachloroethane	7.334	117	173162	39.120	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	278527	36.772	ng		99
20) 3+4-Methylphenols	7.222	107	424183	38.239	ng		95
22) Acetophenone	7.228	105	551405	38.641	ng	#	96
24) Nitrobenzene	7.404	77	460016	38.978	ng		100
25) Isophorone	7.639	82	742605	38.373	ng		100
26) 2-Nitrophenol	7.716	139	217378	40.491	ng		96
27) 2,4-Dimethylphenol	7.751	122	277415	38.310	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	459334	37.821	ng		100
29) 2,4-Dichlorophenol	7.957	162	338747	39.388	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	386978	39.365	ng		100
31) Naphthalene	8.128	128	1216213	38.420	ng		100
32) Benzoic acid	7.857	122	272954	39.294	ng		99
33) 4-Chloroaniline	8.175	127	417503	38.136	ng		99
34) Hexachlorobutadiene	8.245	225	238312	40.232	ng		99
35) Caprolactam	8.539	113	107009	38.004	ng		98
36) 4-Chloro-3-methylphenol	8.651	107	365949	38.907	ng		99
37) 2-Methylnaphthalene	8.816	142	776623	38.500	ng		99
38) 1-Methylnaphthalene	8.916	142	760951	38.277	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	355311	39.579	ng		99
41) Hexachlorocyclopentadiene	8.969	237	128848	43.870	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	241116	39.824	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	253439	39.635	ng		99
46) 1,1'-Biphenyl	9.281	154	955829	39.351	ng		99
47) 2-Chloronaphthalene	9.304	162	743335	39.291	ng		100
48) 2-Nitroaniline	9.398	65	220920	39.393	ng		99
49) Acenaphthylene	9.722	152	1049039	38.811	ng		100
50) Dimethylphthalate	9.581	163	830144	39.535	ng		100
51) 2,6-Dinitrotoluene	9.639	165	192775	39.480	ng		94
52) Acenaphthene	9.892	154	742904	39.340	ng		99
53) 3-Nitroaniline	9.810	138	189872	38.265	ng		99
54) 2,4-Dinitrophenol	9.910	184	91087	39.246	ng	#	55
55) Dibenzofuran	10.063	168	1002937	39.046	ng		99
56) 4-Nitrophenol	9.957	139	148182	38.131	ng		96
57) 2,4-Dinitrotoluene	10.039	165	255200	40.555	ng		99
58) Fluorene	10.404	166	767974	38.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	210502	39.605	ng		100
60) Diethylphthalate	10.280	149	803549	39.199	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	379997	39.070	ng		96
62) 4-Nitroaniline	10.422	138	185207	38.135	ng		97
63) Azobenzene	10.557	77	776404	38.385	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	127817	43.709	ng		97
66) n-Nitrosodiphenylamine	10.516	169	659847	40.539	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	243338	41.883	ng		98
68) Hexachlorobenzene	10.951	284	268530	41.520	ng		97
69) Atrazine	11.039	200	147723	33.706	ng		99
70) Pentachlorophenol	11.145	266	174410	42.109	ng		100
71) Phenanthrene	11.369	178	1073427	39.621	ng		99
72) Anthracene	11.422	178	1057423	40.140	ng		99
73) Carbazole	11.574	167	937561	38.814	ng		100
74) Di-n-butylphthalate	11.910	149	1110366	40.167	ng		100
75) Fluoranthene	12.557	202	1032408	38.187	ng		99
77) Benzidine	12.680	184	256655	49.196	ng		97
78) Pyrene	12.786	202	1027808	38.251	ng		99
80) Butylbenzylphthalate	13.410	149	340207	37.975	ng		97
81) Benzo(a)anthracene	13.974	228	733817	38.328	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	237473	38.953	ng		99
83) Chrysene	14.010	228	655276	36.578	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	418338	38.918	ng		100
85) Di-n-octyl phthalate	14.586	149	639839	39.419	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	942450	40.197	ng		98
88) Benzo(b)fluoranthene	15.015	252	718541	34.820	ng		99
89) Benzo(k)fluoranthene	15.045	252	713341m	40.905	ng		
90) Benzo(a)pyrene	15.374	252	660816	38.813	ng		100
91) Dibenzo(a,h)anthracene	16.909	278	770760	40.646	ng		98
92) Benzo(g,h,i)perylene	17.333	276	799700	40.544	ng		99

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

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