Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141226.D
Acq On : 20 Jan 2025 16:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 20 17:26:11 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 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	179869	20.000	ng		0.00
21) Naphthalene-d8	8.098	136	690448	20.000	ng		0.00
39) Acenaphthene-d10	9.851	164	373975	20.000	ng		-0.01
64) Phenanthrene-d10	11.333	188	599666	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	324852	20.000	ng		-0.01
86) Perylene-d12	15.433	264	361185	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	885278	76.032	ng		0.00
7) Phenol-d6	6.445	99	1128624	76.522	ng		0.00
23) Nitrobenzene-d5	7.381	82	1031110	79.162	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	351047	82.382	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	1881019	76.807	ng		-0.01
79) Terphenyl-d14	12.922	244	1769223	80.948	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	189004	36.452	ng		97
3) Pyridine	3.252	79	456738	35.921	ng		96
4) n-Nitrosodimethylamine	3.204	42	229481	36.911	ng		98
6) Aniline	6.475	93	434854	33.209	ng	#	82
8) 2-Chlorophenol	6.598	128	486067	38.910	ng		99
9) Benzaldehyde	6.363	77	423014	48.697	ng		98
10) Phenol	6.463	94	596283	37.768	ng		89
11) bis(2-Chloroethyl)ether	6.551	93	458466	38.965	ng		97
12) 1,3-Dichlorobenzene	6.751	146	542781	38.958	ng		99
13) 1,4-Dichlorobenzene	6.834	146	553857	39.449	ng		100
14) 1,2-Dichlorobenzene	6.987	146	511297	39.041	ng		98
15) Benzyl Alcohol	6.957	79	416409	39.095	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	595626	36.277	ng		96
17) 2-Methylphenol	7.069	107	390478	38.717	ng		99
18) Hexachloroethane	7.328	117	202959	39.974	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	328165	37.772	ng		98
20) 3+4-Methylphenols	7.222	107	478810	37.631	ng	#	81
22) Acetophenone	7.222	105	632710	38.548	ng	#	94
24) Nitrobenzene	7.398	77	530659	39.091	ng		99
25) Isophorone	7.634	82	873539	39.243	ng		99
26) 2-Nitrophenol	7.710	139	264347	42.808	ng		98
27) 2,4-Dimethylphenol	7.751	122	324703m	38.983	ng		
28) bis(2-Chloroethoxy)met...	7.845	93	558706	39.994	ng		99
29) 2,4-Dichlorophenol	7.951	162	408357	41.280	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	454846	40.225	ng		100
31) Naphthalene	8.122	128	1433429	39.368	ng		100
32) Benzoic acid	7.869	122	351844	44.035	ng		97
33) 4-Chloroaniline	8.169	127	427968	33.986	ng		99
34) Hexachlorobutadiene	8.234	225	279699	41.051	ng		99
35) Caprolactam	8.539	113	126775m	39.144	ng		
36) 4-Chloro-3-methylphenol	8.645	107	431130	39.850	ng		99
37) 2-Methylnaphthalene	8.804	142	919216	39.617	ng		99
38) 1-Methylnaphthalene	8.904	142	895599	39.166	ng		99
40) 1,2,4,5-Tetrachloroben...	8.969	216	422785	39.388	ng		99
41) Hexachlorocyclopentadiene	8.957	237	145116	41.323	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	290635	40.147	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	307586	40.231	ng	98
46) 1,1'-Biphenyl	9.269	154	1116612	38.447	ng	100
47) 2-Chloronaphthalene	9.298	162	872286	38.561	ng	99
48) 2-Nitroaniline	9.392	65	257010	38.328	ng	98
49) Acenaphthylene	9.710	152	1234547	38.200	ng	99
50) Dimethylphthalate	9.575	163	975349	38.849	ng	100
51) 2,6-Dinitrotoluene	9.633	165	232680	39.853	ng	99
52) Acenaphthene	9.881	154	880373	38.990	ng	100
53) 3-Nitroaniline	9.798	138	222710	37.537	ng	98
54) 2,4-Dinitrophenol	9.904	184	125075	45.070	ng	93
55) Dibenzofuran	10.057	168	1174545	38.244	ng	99
56) 4-Nitrophenol	9.957	139	172418	37.107	ng	97
57) 2,4-Dinitrotoluene	10.033	165	304507	40.471	ng	99
58) Fluorene	10.398	166	911591	38.205	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	247744	38.983	ng	100
60) Diethylphthalate	10.269	149	949655	38.745	ng	100
61) 4-Chlorophenyl-phenyle...	10.392	204	462094	39.736	ng	99
62) 4-Nitroaniline	10.410	138	219093	37.729	ng	97
63) Azobenzene	10.551	77	907541	37.525	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	169564	48.797	ng	95
66) n-Nitrosodiphenylamine	10.510	169	788748	40.779	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	292327	42.342	ng	99
68) Hexachlorobenzene	10.945	284	328024	42.682	ng	98
69) Atrazine	11.033	200	237477	45.599	ng	100
70) Pentachlorophenol	11.139	266	210825	42.835	ng	99
71) Phenanthrene	11.357	178	1293007	40.163	ng	100
72) Anthracene	11.410	178	1257400	40.167	ng	100
73) Carbazole	11.563	167	1124089	39.162	ng	100
74) Di-n-butylphthalate	11.898	149	1372194	41.773	ng	99
75) Fluoranthene	12.545	202	1270545	39.548	ng	99
77) Benzidine	12.669	184	205920	34.182	ng	99
78) Pyrene	12.774	202	1241696	40.019	ng	100
80) Butylbenzylphthalate	13.398	149	432936	41.851	ng	97
81) Benzo(a)anthracene	13.963	228	837402	37.878	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	277856	39.470	ng	97
83) Chrysene	13.998	228	801142	38.728	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	510246	41.108	ng	100
85) Di-n-octyl phthalate	14.580	149	790044	42.150	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1050995	39.718	ng	98
88) Benzo(b)fluoranthene	15.015	252	855613	36.737	ng	99
89) Benzo(k)fluoranthene	15.045	252	764346	38.834	ng	100
90) Benzo(a)pyrene	15.374	252	751340	39.100	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	858665	40.120	ng	98
92) Benzo(g,h,i)perylene	17.327	276	888516	39.913	ng	98

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

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