Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
Data File : BF141410.D
Acq On : 04 Feb 2025 15:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 04 17:19:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	89972	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	349697	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	187729	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	325046	20.000	ng		-0.01
76) Chrysene-d12	13.963	240	235785	20.000	ng		#-0.01
86) Perylene-d12	15.421	264	203742	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	461991	78.830	ng		0.00
7) Phenol-d6	6.434	99	565803	75.891	ng		0.00
23) Nitrobenzene-d5	7.357	82	542962	81.851	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	154436	89.734	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	996571	81.709	ng		-0.01
79) Terphenyl-d14	12.904	244	1157717	75.722	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	96236	37.338	ng		98
3) Pyridine	3.175	79	227442	36.624	ng		95
4) n-Nitrosodimethylamine	3.134	42	148075m	41.739	ng		
6) Aniline	6.451	93	231086	36.617	ng	#	24
8) 2-Chlorophenol	6.581	128	246203	39.195	ng		97
9) Benzaldehyde	6.340	77	182303	42.215	ng		99
10) Phenol	6.445	94	294371	37.247	ng	#	67
11) bis(2-Chloroethyl)ether	6.528	93	226600	37.395	ng		98
12) 1,3-Dichlorobenzene	6.728	146	275749	39.813	ng		99
13) 1,4-Dichlorobenzene	6.810	146	279491	40.169	ng		99
14) 1,2-Dichlorobenzene	6.963	146	260169	39.932	ng		98
15) Benzyl Alcohol	6.934	79	212366	41.681	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	375805	35.664	ng		81
17) 2-Methylphenol	7.057	107	194281	38.055	ng	#	91
18) Hexachloroethane	7.304	117	103872	40.467	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	169782	38.325	ng		99
20) 3+4-Methylphenols	7.204	107	251134	40.064	ng		91
22) Acetophenone	7.198	105	345559	41.572	ng	#	98
24) Nitrobenzene	7.375	77	275017	40.006	ng		100
25) Isophorone	7.610	82	447558	39.031	ng		98
26) 2-Nitrophenol	7.692	139	134199	41.393	ng		98
27) 2,4-Dimethylphenol	7.734	122	159583m	38.672	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	278158	38.030	ng		98
29) 2,4-Dichlorophenol	7.939	162	204485	40.477	ng		99
30) 1,2,4-Trichlorobenzene	8.016	180	235617	40.839	ng		99
31) Naphthalene	8.098	128	733327	39.696	ng		99
32) Benzoic acid	7.851	122	160931	42.423	ng		95
33) 4-Chloroaniline	8.145	127	222768	35.561	ng		99
34) Hexachlorobutadiene	8.210	225	145800	43.093	ng		99
35) Caprolactam	8.516	113	65085	39.448	ng		96
36) 4-Chloro-3-methylphenol	8.633	107	223256	41.200	ng		95
37) 2-Methylnaphthalene	8.786	142	471006	40.115	ng		100
38) 1-Methylnaphthalene	8.886	142	459817	39.867	ng		99
40) 1,2,4,5-Tetrachloroben...	8.951	216	220482	41.284	ng		100
41) Hexachlorocyclopentadiene	8.939	237	69619	44.139	ng		98
43) 2,4,6-Trichlorophenol	9.069	196	144492	41.335	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	157526	41.404	ng	100
46) 1,1'-Biphenyl	9.251	154	583575	39.860	ng	98
47) 2-Chloronaphthalene	9.275	162	451544	39.569	ng	99
48) 2-Nitroaniline	9.375	65	148678	41.421	ng	98
49) Acenaphthylene	9.692	152	645795	40.428	ng	100
50) Dimethylphthalate	9.557	163	510098	40.231	ng	100
51) 2,6-Dinitrotoluene	9.616	165	120960	41.088	ng	99
52) Acenaphthene	9.863	154	469576	41.148	ng	98
53) 3-Nitroaniline	9.786	138	117193	40.616	ng	99
54) 2,4-Dinitrophenol	9.892	184	65781	48.068	ng	93
55) Dibenzofuran	10.033	168	622267	40.736	ng	98
56) 4-Nitrophenol	9.963	139	93228	44.180	ng	92
57) 2,4-Dinitrotoluene	10.016	165	164833	43.245	ng	96
58) Fluorene	10.380	166	493864	41.680	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	126118	42.135	ng	96
60) Diethylphthalate	10.251	149	514014	41.811	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	241686	41.757	ng	97
62) 4-Nitroaniline	10.398	138	128297	45.227	ng	91
63) Azobenzene	10.533	77	490065	39.824	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	92244	47.978	ng	98
66) n-Nitrosodiphenylamine	10.492	169	417972	39.757	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	148831	40.899	ng	99
68) Hexachlorobenzene	10.927	284	160903	41.684	ng	98
69) Atrazine	11.016	200	137337	39.071	ng	99
70) Pentachlorophenol	11.122	266	102619	45.399	ng	98
71) Phenanthrene	11.339	178	723529	41.409	ng	100
72) Anthracene	11.392	178	716469	41.850	ng	100
73) Carbazole	11.551	167	662834	43.663	ng	99
74) Di-n-butylphthalate	11.880	149	800193	43.495	ng	99
75) Fluoranthene	12.527	202	801222	46.442	ng	98
77) Benzidine	12.657	184	300130	39.706	ng	99
78) Pyrene	12.757	202	816862	36.091	ng	100
80) Butylbenzylphthalate	13.380	149	316309	40.003	ng	99
81) Benzo(a)anthracene	13.951	228	602639	37.039	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	193238	37.342	ng	99
83) Chrysene	13.986	228	583785	39.150	ng	100
84) Bis(2-ethylhexyl)phtha...	13.945	149	413503	41.225	ng	99
85) Di-n-octyl phthalate	14.568	149	625670	40.161	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	531435	40.413	ng	96
88) Benzo(b)fluoranthene	15.004	252	519917	40.568	ng	98
89) Benzo(k)fluoranthene	15.033	252	495242	43.621	ng	98
90) Benzo(a)pyrene	15.362	252	444854	41.076	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	430043	40.648	ng	97
92) Benzo(g,h,i)perylene	17.304	276	438392	39.851	ng	95

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

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