Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142092.D
Acq On : 26 Mar 2025 12:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 26 13:31:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/27/2025
Supervised By :Jagrut Upadhyay 03/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126144	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	466289	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	264545	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	490977	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	326411	20.000	ng	0.00
86) Perylene-d12	15.504	264	325355	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	606964	80.305	ng	-0.01
7) Phenol-d6	6.498	99	739041	76.797	ng	0.00
23) Nitrobenzene-d5	7.434	82	679046	81.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	304481	90.725	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1392686	80.062	ng	-0.01
79) Terphenyl-d14	12.980	244	1805325	81.771	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	128484	40.571	ng	96
3) Pyridine	3.381	79	300989	38.746	ng	97
4) n-Nitrosodimethylamine	3.328	42	139558m	37.687	ng	
6) Aniline	6.534	93	356442	37.547	ng	100
8) 2-Chlorophenol	6.657	128	330826	39.466	ng	98
9) Benzaldehyde	6.422	77	371002	68.933	ng	100
10) Phenol	6.510	94	390661	38.588	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	282627	37.178	ng	98
12) 1,3-Dichlorobenzene	6.810	146	362055	40.006	ng	99
13) 1,4-Dichlorobenzene	6.886	146	368711	40.267	ng	99
14) 1,2-Dichlorobenzene	7.039	146	344121	39.900	ng	99
15) Benzyl Alcohol	7.010	79	288463	37.078	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	302359	32.945	ng	98
17) 2-Methylphenol	7.116	107	248678	37.311	ng	99
18) Hexachloroethane	7.381	117	134157	39.071	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	208633	33.740	ng	98
20) 3+4-Methylphenols	7.269	107	317816	37.228	ng	97
22) Acetophenone	7.281	105	442797	39.654	ng	99
24) Nitrobenzene	7.451	77	328549	39.887	ng	98
25) Isophorone	7.692	82	543561	37.112	ng	99
26) 2-Nitrophenol	7.769	139	176704	43.709	ng	99
27) 2,4-Dimethylphenol	7.798	122	214095	38.460	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	341766	37.204	ng	99
29) 2,4-Dichlorophenol	8.010	162	280073	40.534	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	316792	41.603	ng	98
31) Naphthalene	8.175	128	964721	40.276	ng	100
32) Benzoic acid	7.910	122	211161	43.153	ng	98
33) 4-Chloroaniline	8.222	127	332196	39.287	ng	97
34) Hexachlorobutadiene	8.292	225	209062	42.100	ng	98
35) Caprolactam	8.586	113	87200	41.394	ng	92
36) 4-Chloro-3-methylphenol	8.698	107	307999	39.960	ng	98
37) 2-Methylnaphthalene	8.863	142	635936	39.721	ng	99
38) 1-Methylnaphthalene	8.963	142	614900	39.800	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	328811	40.824	ng	98
41) Hexachlorocyclopentadiene	9.016	237	118318	37.536	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	215185	40.880	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	219792	41.227	ng		99
46) 1,1'-Biphenyl	9.328	154	796671	39.634	ng		100
47) 2-Chloronaphthalene	9.357	162	601386	40.141	ng		98
48) 2-Nitroaniline	9.451	65	176895	40.779	ng		94
49) Acenaphthylene	9.769	152	909385	40.903	ng		100
50) Dimethylphthalate	9.627	163	743806	40.151	ng		100
51) 2,6-Dinitrotoluene	9.692	165	162524	42.136	ng		92
52) Acenaphthene	9.945	154	644322	41.239	ng		100
53) 3-Nitroaniline	9.863	138	166643	42.591	ng		96
54) 2,4-Dinitrophenol	9.963	184	93483	45.725	ng	#	56
55) Dibenzofuran	10.116	168	920887	41.249	ng		98
56) 4-Nitrophenol	10.016	139	135144	45.802	ng		96
57) 2,4-Dinitrotoluene	10.092	165	226468	44.953	ng		98
58) Fluorene	10.457	166	714456	41.499	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	207367	42.745	ng		98
60) Diethylphthalate	10.327	149	750710	40.640	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	362474	40.384	ng		97
62) 4-Nitroaniline	10.474	138	173676	45.595	ng		98
63) Azobenzene	10.610	77	674009	39.246	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	132895	45.404	ng		93
66) n-Nitrosodiphenylamine	10.569	169	610487	38.424	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	239580	38.854	ng		96
68) Hexachlorobenzene	11.004	284	278252	41.144	ng		96
69) Atrazine	11.092	200	198163	40.685	ng		98
70) Pentachlorophenol	11.198	266	178999	42.959	ng		99
71) Phenanthrene	11.421	178	1077866	40.645	ng		99
72) Anthracene	11.469	178	1071593	40.277	ng		99
73) Carbazole	11.627	167	955573	41.646	ng		100
74) Di-n-butylphthalate	11.951	149	1177228	38.667	ng		100
75) Fluoranthene	12.610	202	1154256	41.032	ng		99
77) Benzidine	12.727	184	272998	59.946	ng		99
78) Pyrene	12.839	202	1151140	40.770	ng		99
80) Butylbenzylphthalate	13.451	149	415643	37.611	ng		98
81) Benzo(a)anthracene	14.021	228	836606	39.059	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	264931	42.801	ng		99
83) Chrysene	14.062	228	806917	41.560	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	535256	35.128	ng		100
85) Di-n-octyl phthalate	14.621	149	772023	36.414	ng		98
87) Indeno(1,2,3-cd)pyrene	16.992	276	808099	38.396	ng		98
88) Benzo(b)fluoranthene	15.074	252	785918	35.245	ng		99
89) Benzo(k)fluoranthene	15.104	252	785644	41.171	ng		99
90) Benzo(a)pyrene	15.445	252	704863	40.399	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	661277	38.081	ng		99
92) Benzo(g,h,i)perylene	17.445	276	652513	38.025	ng		97

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

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