Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142127.D
Acq On : 27 Mar 2025 16:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 27 16:42:55 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 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	143616	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	551620	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	311716	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	544658	20.000	ng		0.00
76) Chrysene-d12	14.039	240	328404	20.000	ng		0.00
86) Perylene-d12	15.510	264	388030	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	682615	79.327	ng		-0.01
7) Phenol-d6	6.498	99	829931	75.750	ng		0.00
23) Nitrobenzene-d5	7.434	82	771364	78.694	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	346423	87.602	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1634261	79.733	ng		-0.01
79) Terphenyl-d14	12.980	244	1800222	81.045	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	144782	40.155	ng		96
3) Pyridine	3.381	79	332189	37.560	ng		97
4) n-Nitrosodimethylamine	3.334	42	151619m	35.963	ng		
6) Aniline	6.534	93	389687	36.055	ng		99
8) 2-Chlorophenol	6.657	128	373358	39.121	ng		98
9) Benzaldehyde	6.422	77	417089	68.068	ng		100
10) Phenol	6.510	94	441596	38.312	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	321737	37.174	ng		99
12) 1,3-Dichlorobenzene	6.810	146	404582	39.267	ng		99
13) 1,4-Dichlorobenzene	6.887	146	412928	39.610	ng		99
14) 1,2-Dichlorobenzene	7.045	146	385592	39.269	ng		98
15) Benzyl Alcohol	7.010	79	338044	38.165	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	353561	33.837	ng		97
17) 2-Methylphenol	7.122	107	287214	37.850	ng		98
18) Hexachloroethane	7.387	117	150794	38.574	ng		93
19) n-Nitroso-di-n-propyla...	7.281	70	247906	35.214	ng		99
20) 3+4-Methylphenols	7.275	107	365048	37.558	ng	#	85
22) Acetophenone	7.281	105	507184	38.394	ng		99
24) Nitrobenzene	7.457	77	385633	39.575	ng		97
25) Isophorone	7.692	82	649055	37.460	ng		99
26) 2-Nitrophenol	7.769	139	207412	43.368	ng		97
27) 2,4-Dimethylphenol	7.804	122	249525	37.891	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	416723	38.346	ng		99
29) 2,4-Dichlorophenol	8.010	162	325705	39.846	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	367208	40.765	ng		98
31) Naphthalene	8.175	128	1113834	39.308	ng		100
32) Benzoic acid	7.916	122	235771	40.729	ng		97
33) 4-Chloroaniline	8.222	127	384167	38.405	ng		98
34) Hexachlorobutadiene	8.292	225	243428	41.438	ng		99
35) Caprolactam	8.592	113	98062	39.350	ng		89
36) 4-Chloro-3-methylphenol	8.698	107	350669	38.458	ng		98
37) 2-Methylnaphthalene	8.869	142	743372	39.249	ng		99
38) 1-Methylnaphthalene	8.963	142	718564	39.316	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	390903	41.189	ng		99
41) Hexachlorocyclopentadiene	9.016	237	144327	38.858	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	252741	40.749	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.181	196	262620	41.806	ng		99
46)	1,1'-Biphenyl	9.334	154	953097	40.241	ng		99
47)	2-Chloronaphthalene	9.357	162	714612	40.480	ng		98
48)	2-Nitroaniline	9.451	65	199542	39.039	ng		96
49)	Acenaphthylene	9.775	152	1048181	40.012	ng		100
50)	Dimethylphthalate	9.634	163	891575	40.844	ng		99
51)	2,6-Dinitrotoluene	9.692	165	191379	42.108	ng		93
52)	Acenaphthene	9.945	154	747550	40.606	ng		99
53)	3-Nitroaniline	9.863	138	180320	39.113	ng		97
54)	2,4-Dinitrophenol	9.969	184	102547	43.022	ng	#	47
55)	Dibenzofuran	10.116	168	1062816	40.403	ng		98
56)	4-Nitrophenol	10.016	139	135368	38.936	ng		96
57)	2,4-Dinitrotoluene	10.098	165	257119	43.314	ng		95
58)	Fluorene	10.457	166	823463	40.592	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	245598	42.965	ng		96
60)	Diethylphthalate	10.328	149	889923	40.886	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	436893	41.309	ng		96
62)	4-Nitroaniline	10.475	138	176056	39.225	ng		98
63)	Azobenzene	10.610	77	776777	38.386	ng		97
65)	4,6-Dinitro-2-methylph...	10.504	198	149503	46.044	ng		96
66)	n-Nitrosodiphenylamine	10.569	169	706552	40.087	ng		99
67)	4-Bromophenyl-phenylether	10.939	248	278285	40.683	ng		97
68)	Hexachlorobenzene	11.004	284	317959	42.382	ng		97
69)	Atrazine	11.092	200	222683	41.213	ng		98
70)	Pentachlorophenol	11.198	266	193749	41.916	ng		100
71)	Phenanthrene	11.422	178	1165690	39.624	ng		99
72)	Anthracene	11.475	178	1174632	39.798	ng		99
73)	Carbazole	11.628	167	963762	37.863	ng		99
74)	Di-n-butylphthalate	11.957	149	1359219	40.244	ng		99
75)	Fluoranthene	12.610	202	1145887	36.720	ng		99
77)	Benzidine	12.733	184	267235	58.325	ng		99
78)	Pyrene	12.839	202	1118211	39.363	ng		99
80)	Butylbenzylphthalate	13.451	149	424276	38.159	ng		99
81)	Benzo(a)anthracene	14.027	228	871354	40.434	ng		99
82)	3,3'-Dichlorobenzidine	13.986	252	287963	46.240	ng		98
83)	Chrysene	14.063	228	798371	40.870	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	575602	37.547	ng		100
85)	Di-n-octyl phthalate	14.621	149	928940	43.550	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.004	276	984243	39.211	ng		98
88)	Benzo(b)fluoranthene	15.080	252	937485	35.252	ng		99
89)	Benzo(k)fluoranthene	15.110	252	869948	38.225	ng		99
90)	Benzo(a)pyrene	15.451	252	834900	40.123	ng		99
91)	Dibenzo(a,h)anthracene	17.021	278	803200	38.783	ng		99
92)	Benzo(g,h,i)perylene	17.451	276	787397	38.473	ng		98

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

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