Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
Data File : BF141317.D
Acq On : 30 Jan 2025 17:04
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/31/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 30 17:29:09 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	152166	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	600730	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	318043	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	524865	20.000	ng	0.00
76) Chrysene-d12	13.969	240	313584	20.000	ng	0.00
86) Perylene-d12	15.421	264	305879	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	741443	74.804	ng	0.00
7) Phenol-d6	6.428	99	946409	75.058	ng	-0.01
23) Nitrobenzene-d5	7.363	82	856796	75.187	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	221366	75.922	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1491303	72.173	ng	0.00
79) Terphenyl-d14	12.910	244	1454264	71.520	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.487	88	165753	38.024	ng	99
3) Pyridine	3.210	79	406932	38.745	ng	99
4) n-Nitrosodimethylamine	3.169	42	235169	39.195	ng	100
6) Aniline	6.463	93	415334	38.913	ng	100
8) 2-Chlorophenol	6.581	128	401939	37.834	ng	100
9) Benzaldehyde	6.346	77	264330	36.192	ng	100
10) Phenol	6.440	94	508001	38.006	ng	98
11) bis(2-Chloroethyl)ether	6.534	93	390002	38.055	ng	100
12) 1,3-Dichlorobenzene	6.740	146	443952	37.900	ng	98
13) 1,4-Dichlorobenzene	6.816	146	447466	38.025	ng	99
14) 1,2-Dichlorobenzene	6.969	146	409925	37.202	ng	99
15) Benzyl Alcohol	6.940	79	331434	38.463	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	684449	38.406	ng	100
17) 2-Methylphenol	7.051	107	327520	37.933	ng	99
18) Hexachloroethane	7.310	117	166428	38.337	ng	99
19) n-Nitroso-di-n-propyla...	7.216	70	276102	36.851	ng	97
20) 3+4-Methylphenols	7.204	107	398201	37.561	ng	98
22) Acetophenone	7.210	105	521502	36.522	ng	99
24) Nitrobenzene	7.381	77	453119	38.370	ng	99
25) Isophorone	7.622	82	746516	37.898	ng	99
26) 2-Nitrophenol	7.698	139	215214	38.642	ng	99
27) 2,4-Dimethylphenol	7.734	122	271163m	38.252	ng	
28) bis(2-Chloroethoxy)met...	7.834	93	472579	37.611	ng	99
29) 2,4-Dichlorophenol	7.940	162	327660	37.756	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	368832	37.214	ng	99
31) Naphthalene	8.104	128	1160672	36.574	ng	100
32) Benzoic acid	7.851	122	278923	42.801	ng	100
33) 4-Chloroaniline	8.151	127	382581	35.551	ng	99
34) Hexachlorobutadiene	8.222	225	216158	37.191	ng	100
35) Caprolactam	8.522	113	108611	38.321	ng	100
36) 4-Chloro-3-methylphenol	8.634	107	352929	37.913	ng	98
37) 2-Methylnaphthalene	8.792	142	737499	36.564	ng	100
38) 1-Methylnaphthalene	8.892	142	735193	37.106	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	340402	37.622	ng	99
41) Hexachlorocyclopentadiene	8.945	237	113669	42.539	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	232839	39.316	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	239701	37.188	ng	99
46) 1,1'-Biphenyl	9.257	154	915768	36.921	ng	99
47) 2-Chloronaphthalene	9.281	162	714116	36.938	ng	99
48) 2-Nitroaniline	9.381	65	235046	38.652	ng	99
49) Acenaphthylene	9.698	152	1005697	37.162	ng	100
50) Dimethylphthalate	9.563	163	798294	37.164	ng	100
51) 2,6-Dinitrotoluene	9.622	165	190942	38.284	ng	99
52) Acenaphthene	9.869	154	724533	37.475	ng	100
53) 3-Nitroaniline	9.792	138	184620	37.768	ng	99
54) 2,4-Dinitrophenol	9.898	184	98889	42.653	ng	99
55) Dibenzofuran	10.045	168	954846	36.896	ng	100
56) 4-Nitrophenol	9.945	139	143195	40.054	ng	98
57) 2,4-Dinitrotoluene	10.028	165	247566	38.338	ng	98
58) Fluorene	10.386	166	732351	36.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	195149	38.484	ng	99
60) Diethylphthalate	10.263	149	783101	37.599	ng	100
61) 4-Chlorophenyl-phenyle...	10.381	204	361825	36.900	ng	100
62) 4-Nitroaniline	10.404	138	184698	38.432	ng	99
63) Azobenzene	10.539	77	784576	37.633	ng	99
65) 4,6-Dinitro-2-methylph...	10.434	198	140200	45.159	ng	99
66) n-Nitrosodiphenylamine	10.498	169	645313	38.013	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	225156	38.318	ng	100
68) Hexachlorobenzene	10.933	284	237593	38.118	ng	100
69) Atrazine	11.028	200	204174	35.972	ng	98
70) Pentachlorophenol	11.128	266	157977	43.282	ng	98
71) Phenanthrene	11.351	178	1069469	37.906	ng	100
72) Anthracene	11.398	178	1054198	38.134	ng	100
73) Carbazole	11.557	167	935132	38.149	ng	100
74) Di-n-butylphthalate	11.892	149	1180762	39.747	ng	100
75) Fluoranthene	12.539	202	1083222	38.884	ng	100
77) Benzidine	12.663	184	434882	43.259	ng	100
78) Pyrene	12.769	202	1099785	36.536	ng	99
80) Butylbenzylphthalate	13.392	149	417051	39.659	ng	99
81) Benzo(a)anthracene	13.957	228	760962	35.166	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	259833	37.754	ng	99
83) Chrysene	13.992	228	738524	37.240	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	532693	39.932	ng	99
85) Di-n-octyl phthalate	14.569	149	857071	41.365	ng	100
87) Indeno(1,2,3-cd)pyrene	16.868	276	771135	39.060	ng	100
88) Benzo(b)fluoranthene	14.998	252	766715	39.849	ng	99
89) Benzo(k)fluoranthene	15.027	252	627179	36.796	ng	99
90) Benzo(a)pyrene	15.363	252	623454	38.345	ng	100
91) Dibenzo(a,h)anthracene	16.886	278	620159	39.045	ng	98
92) Benzo(g,h,i)perylene	17.310	276	656024	39.722	ng	99

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

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