Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070925\
Data File : BF143048.D
Acq On : 09 Jul 2025 10:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 09 11:29:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66592	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257344	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	135062	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	218580	20.000	ng	0.00
76) Chrysene-d12	14.057	240	110392	20.000	ng	0.00
86) Perylene-d12	15.545	264	146270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	317051	79.269	ng	0.00
7) Phenol-d6	6.510	99	372531	78.945	ng	0.00
23) Nitrobenzene-d5	7.439	82	394718	84.131	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	109001	78.425	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	839846	81.687	ng	-0.01
79) Terphenyl-d14	12.992	244	653929	81.848	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	58700	36.693	ng	98
3) Pyridine	3.393	79	150140	37.436	ng	97
4) n-Nitrosodimethylamine	3.346	42	75767	36.533	ng	95
6) Aniline	6.540	93	243791	38.827	ng	95
8) 2-Chlorophenol	6.663	128	172216	39.915	ng	97
9) Benzaldehyde	6.428	77	122163	43.636	ng	100
10) Phenol	6.522	94	206185	39.308	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	148192	39.529	ng	96
12) 1,3-Dichlorobenzene	6.816	146	189971	39.370	ng	100
13) 1,4-Dichlorobenzene	6.892	146	192448	39.530	ng	99
14) 1,2-Dichlorobenzene	7.045	146	182051	39.426	ng	99
15) Benzyl Alcohol	7.016	79	137398	40.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	217844	36.167	ng	79
17) 2-Methylphenol	7.134	107	128959	39.442	ng	96
18) Hexachloroethane	7.387	117	67058	39.381	ng	93
19) n-Nitroso-di-n-propyla...	7.292	70	109039	39.730	ng	95
20) 3+4-Methylphenols	7.287	107	164907	40.452	ng	95
22) Acetophenone	7.287	105	223904	39.455	ng	100
24) Nitrobenzene	7.463	77	165163	38.894	ng	98
25) Isophorone	7.698	82	291150	38.685	ng	99
26) 2-Nitrophenol	7.775	139	92518	39.996	ng	100
27) 2,4-Dimethylphenol	7.816	122	153557m	38.323	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	187275	39.139	ng	99
29) 2,4-Dichlorophenol	8.022	162	142368	39.186	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	155501	38.924	ng	99
31) Naphthalene	8.181	128	485090	38.510	ng	99
32) Benzoic acid	7.939	122	70188	34.368	ng	97
33) 4-Chloroaniline	8.234	127	198369	38.729	ng	98
34) Hexachlorobutadiene	8.292	225	96425	39.459	ng	99
35) Caprolactam	8.610	113	37672	39.295	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	141216	39.110	ng	99
37) 2-Methylnaphthalene	8.869	142	307684	39.399	ng	99
38) 1-Methylnaphthalene	8.969	142	313072	38.726	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	154627	38.800	ng	99
41) Hexachlorocyclopentadiene	9.022	237	92207	40.772	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	96292	37.080	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102349	37.440	ng	100
46) 1,1'-Biphenyl	9.339	154	413921	38.796	ng	99
47) 2-Chloronaphthalene	9.363	162	306289	38.255	ng	99
48) 2-Nitroaniline	9.463	65	85518	38.099	ng	94
49) Acenaphthylene	9.781	152	503177	38.176	ng	100
50) Dimethylphthalate	9.639	163	342506	39.177	ng	100
51) 2,6-Dinitrotoluene	9.704	165	75838	39.500	ng	97
52) Acenaphthene	9.951	154	316605m	39.371	ng	
53) 3-Nitroaniline	9.875	138	78937	37.342	ng	100
54) 2,4-Dinitrophenol	9.986	184	46706	48.583	ng	99
55) Dibenzofuran	10.122	168	440391	38.190	ng	100
56) 4-Nitrophenol	10.045	139	67517	46.654	ng	99
57) 2,4-Dinitrotoluene	10.110	165	101213	39.687	ng	95
58) Fluorene	10.469	166	348917	38.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86032	39.043	ng	92
60) Diethylphthalate	10.333	149	332556	38.796	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	167583	38.996	ng	98
62) 4-Nitroaniline	10.492	138	73117	37.820	ng	97
63) Azobenzene	10.616	77	291002	37.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	51710	39.111	ng	97
66) n-Nitrosodiphenylamine	10.575	169	296265	39.109	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100240	40.295	ng	97
68) Hexachlorobenzene	11.016	284	109033	39.445	ng	99
69) Atrazine	11.104	200	78779	40.271	ng	98
70) Pentachlorophenol	11.216	266	79272	57.552	ng	99
71) Phenanthrene	11.433	178	453843	38.330	ng	100
72) Anthracene	11.486	178	465305	38.317	ng	99
73) Carbazole	11.639	167	392132	37.420	ng	100
74) Di-n-butylphthalate	11.963	149	430569	39.441	ng	99
75) Fluoranthene	12.621	202	408276	36.332	ng	100
77) Benzidine	12.745	184	204601	49.331	ng	99
78) Pyrene	12.851	202	454236	43.898	ng	99
80) Butylbenzylphthalate	13.463	149	126277	42.071	ng	97
81) Benzo(a)anthracene	14.045	228	292876	39.327	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	104231	43.151	ng	99
83) Chrysene	14.080	228	260242	39.162	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	194503	45.039	ng	99
85) Di-n-octyl phthalate	14.633	149	379015	46.544	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	424870	38.135	ng	99
88) Benzo(b)fluoranthene	15.110	252	321973	38.041	ng	100
89) Benzo(k)fluoranthene	15.139	252	309552	39.092	ng	99
90) Benzo(a)pyrene	15.486	252	317799	38.867	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	345409	38.156	ng	98
92) Benzo(g,h,i)perylene	17.533	276	339644	37.626	ng	97

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

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