Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143365.D
Acq On : 13 Aug 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 13 11:48:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	155874	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	589243	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	314886	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	455320	20.000	ng	0.00
76) Chrysene-d12	14.092	240	268507	20.000	ng	0.00
86) Perylene-d12	15.580	264	321267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	671415	74.486	ng	0.00
7) Phenol-d6	6.563	99	832051	71.982	ng	0.00
23) Nitrobenzene-d5	7.492	82	765414	80.892	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	195089	84.775	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1338604	72.088	ng	0.00
79) Terphenyl-d14	13.027	244	1109838	73.795	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	167561	35.924	ng	98
3) Pyridine	3.522	79	453743	36.505	ng	99
4) n-Nitrosodimethylamine	3.457	42	208030	35.930	ng	98
6) Aniline	6.592	93	578987	35.529	ng	99
8) 2-Chlorophenol	6.722	128	372513	38.676	ng	96
9) Benzaldehyde	6.481	77	271283	35.508	ng	99
10) Phenol	6.575	94	501602	36.630	ng	99
11) bis(2-Chloroethyl)ether	6.663	93	374208	37.079	ng	99
12) 1,3-Dichlorobenzene	6.875	146	403279	36.300	ng	99
13) 1,4-Dichlorobenzene	6.951	146	410171	36.786	ng	99
14) 1,2-Dichlorobenzene	7.104	146	388134	36.671	ng	99
15) Benzyl Alcohol	7.069	79	312677	37.736	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	669891	37.180	ng	99
17) 2-Methylphenol	7.181	107	292841	36.019	ng	100
18) Hexachloroethane	7.445	117	141162	40.381	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	255903	35.828	ng	99
20) 3+4-Methylphenols	7.334	107	356538	36.261	ng	98
22) Acetophenone	7.334	105	466722	35.949	ng	99
24) Nitrobenzene	7.510	77	398446	38.773	ng	98
25) Isophorone	7.745	82	702757	36.381	ng	98
26) 2-Nitrophenol	7.828	139	187613	45.743	ng	98
27) 2,4-Dimethylphenol	7.863	122	311198	38.616	ng	100
28) bis(2-Chloroethoxy)met...	7.957	93	444549	37.694	ng	100
29) 2,4-Dichlorophenol	8.069	162	304868	38.733	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	314199	37.843	ng	99
31) Naphthalene	8.233	128	1038756	36.636	ng	100
32) Benzoic acid	7.969	122	153094	44.806	ng	98
33) 4-Chloroaniline	8.281	127	373044	36.478	ng	99
34) Hexachlorobutadiene	8.351	225	202244	39.158	ng	100
35) Caprolactam	8.639	113	78907	35.661	ng	96
36) 4-Chloro-3-methylphenol	8.757	107	307883	37.312	ng	99
37) 2-Methylnaphthalene	8.922	142	684082	36.699	ng	99
38) 1-Methylnaphthalene	9.022	142	657684	36.634	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	325394	37.763	ng	100
41) Hexachlorocyclopentadiene	9.080	237	127734	45.170	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	189921	38.847	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	210414	38.112	ng	99
46) 1,1'-Biphenyl	9.386	154	815422	36.625	ng	100
47) 2-Chloronaphthalene	9.410	162	642420	36.637	ng	99
48) 2-Nitroaniline	9.504	65	199781	39.994	ng	99
49) Acenaphthylene	9.827	152	912085	36.019	ng	99
50) Dimethylphthalate	9.675	163	684989	37.229	ng	100
51) 2,6-Dinitrotoluene	9.739	165	143121	41.532	ng	98
52) Acenaphthene	9.998	154	622352	36.969	ng	99
53) 3-Nitroaniline	9.910	138	158044	41.943	ng	100
54) 2,4-Dinitrophenol	10.022	184	54988	47.847	ng	88
55) Dibenzofuran	10.169	168	876245	36.166	ng	99
56) 4-Nitrophenol	10.075	139	106466	38.411	ng	98
57) 2,4-Dinitrotoluene	10.145	165	189595	41.474	ng	93
58) Fluorene	10.516	166	660928	35.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	157931	42.436	ng	98
60) Diethylphthalate	10.380	149	626496	38.014	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	331103	37.027	ng	98
62) 4-Nitroaniline	10.522	138	138449	37.977	ng	98
63) Azobenzene	10.663	77	682418	36.252	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	83546	45.753	ng	96
66) n-Nitrosodiphenylamine	10.622	169	558749	37.268	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	204482	39.268	ng	97
68) Hexachlorobenzene	11.069	284	214247	38.169	ng	97
69) Atrazine	11.139	200	147197	37.642	ng	98
70) Pentachlorophenol	11.263	266	167836	62.487	ng	97
71) Phenanthrene	11.474	178	893088	35.951	ng	100
72) Anthracene	11.527	178	926945	36.793	ng	99
73) Carbazole	11.680	167	739655	34.473	ng	99
74) Di-n-butylphthalate	12.004	149	766597	42.222	ng	100
75) Fluoranthene	12.663	202	768327	35.308	ng	100
77) Benzidine	12.780	184	248352	33.832	ng	99
78) Pyrene	12.892	202	784051	34.808	ng	100
80) Butylbenzylphthalate	13.504	149	241746	53.869	ng	97
81) Benzo(a)anthracene	14.080	228	618813	36.260	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	203149	44.084	ng	98
83) Chrysene	14.115	228	593023	37.266	ng	99
84) Bis(2-ethylhexyl)phtha...	14.062	149	387949	58.318	ng	99
85) Di-n-octyl phthalate	14.674	149	735485	55.364	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	866144	37.631	ng	100
88) Benzo(b)fluoranthene	15.139	252	685407	39.006	ng	99
89) Benzo(k)fluoranthene	15.168	252	615365	36.040	ng	99
90) Benzo(a)pyrene	15.515	252	613881	37.093	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	709428	38.581	ng	99
92) Benzo(g,h,i)perylene	17.556	276	669117	36.122	ng	99

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

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