Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144230.D
Acq On : 12 Nov 2025 15:52
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 12 16:52:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	44350	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	175875	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	95653	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	157798	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	80733	20.000	ng	0.00
86) Perylene-d12	15.527	264	104708	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	243761	86.010	ng	0.00
7) Phenol-d6	6.498	99	275695	85.853	ng	0.00
23) Nitrobenzene-d5	7.434	82	247896	81.406	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	86684	72.217	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	480049	74.122	ng	0.00
79) Terphenyl-d14	12.986	244	450837	88.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	56063	47.848	ng	96
3) Pyridine	3.393	79	163655	50.064	ng	98
4) n-Nitrosodimethylamine	3.346	42	77900	45.622	ng	89
6) Aniline	6.534	93	205172	44.844	ng	98
8) 2-Chlorophenol	6.651	128	119294	42.921	ng	96
9) Benzaldehyde	6.422	77	110217	60.782	ng	96
10) Phenol	6.516	94	173092	44.117	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	129725	45.376	ng	97
12) 1,3-Dichlorobenzene	6.810	146	142221	41.468	ng	99
13) 1,4-Dichlorobenzene	6.887	146	140153	40.790	ng	100
14) 1,2-Dichlorobenzene	7.040	146	135137	41.034	ng	99
15) Benzyl Alcohol	7.010	79	109633	43.115	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	264838	50.305	ng	98
17) 2-Methylphenol	7.122	107	95444	43.166	ng	97
18) Hexachloroethane	7.381	117	47399	41.522	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	88529	41.878	ng	96
20) 3+4-Methylphenols	7.275	107	105084	40.317	ng	97
22) Acetophenone	7.281	105	141648	37.543	ng	97
24) Nitrobenzene	7.451	77	137576	41.610	ng	99
25) Isophorone	7.692	82	246453	42.787	ng	99
26) 2-Nitrophenol	7.769	139	69842	42.672	ng	97
27) 2,4-Dimethylphenol	7.804	122	103592	42.228	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	151947	42.244	ng	98
29) 2,4-Dichlorophenol	8.010	162	110012	38.909	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	109767	37.807	ng	98
31) Naphthalene	8.175	128	326081	38.976	ng	100
32) Benzoic acid	7.916	122	71367	39.688	ng	95
33) 4-Chloroaniline	8.222	127	124395	40.768	ng	99
34) Hexachlorobutadiene	8.287	225	77043	35.210	ng	98
35) Caprolactam	8.598	113	35386	45.681	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	102405	40.413	ng	98
37) 2-Methylnaphthalene	8.863	142	220105	39.350	ng	98
38) 1-Methylnaphthalene	8.963	142	205970	38.162	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	118659	37.852	ng	98
41) Hexachlorocyclopentadiene	9.016	237	43565	44.100	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	84172	39.450	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	91076	39.606	ng		99
46) 1,1'-Biphenyl	9.328	154	262742	39.351	ng		98
47) 2-Chloronaphthalene	9.357	162	221022	38.807	ng		100
48) 2-Nitroaniline	9.451	65	73702	44.849	ng		98
49) Acenaphthylene	9.769	152	312657	40.284	ng		99
50) Dimethylphthalate	9.622	163	263090	41.518	ng		100
51) 2,6-Dinitrotoluene	9.692	165	55173	43.011	ng		99
52) Acenaphthene	9.945	154	201970	38.914	ng		99
53) 3-Nitroaniline	9.863	138	62490	44.564	ng		98
54) 2,4-Dinitrophenol	9.975	184	24580	31.732	ng		96
55) Dibenzofuran	10.116	168	281536	38.731	ng		99
56) 4-Nitrophenol	10.028	139	40795	40.218	ng		94
57) 2,4-Dinitrotoluene	10.098	165	73553	42.832	ng		99
58) Fluorene	10.457	166	213555	38.641	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	63429	38.986	ng		98
60) Diethylphthalate	10.328	149	239322	40.969	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	118055	37.500	ng		99
62) 4-Nitroaniline	10.480	138	58236	43.609	ng		91
63) Azobenzene	10.610	77	233579	42.964	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	38862	36.252	ng		99
66) n-Nitrosodiphenylamine	10.569	169	211408	41.655	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	79093	39.269	ng		97
68) Hexachlorobenzene	11.010	284	91732	38.667	ng		97
69) Atrazine	11.098	200	63799	39.528	ng		99
70) Pentachlorophenol	11.204	266	44975	38.070	ng		98
71) Phenanthrene	11.422	178	315429	40.149	ng		100
72) Anthracene	11.475	178	316464	39.614	ng		99
73) Carbazole	11.633	167	273989	40.333	ng		99
74) Di-n-butylphthalate	11.957	149	351445	42.796	ng		99
75) Fluoranthene	12.616	202	301366	37.133	ng		98
77) Benzidine	12.739	184	112222	46.994	ng		99
78) Pyrene	12.845	202	297952	45.772	ng		99
80) Butylbenzylphthalate	13.463	149	107928	47.838	ng		98
81) Benzo(a)anthracene	14.039	228	233923	41.806	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	77212	40.257	ng		96
83) Chrysene	14.074	228	216965	42.004	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	137880	44.644	ng		98
85) Di-n-octyl phthalate	14.633	149	217186	40.759	ng		99
87) Indeno(1,2,3-cd)pyrene	17.033	276	298718	39.742	ng	#	96
88) Benzo(b)fluoranthene	15.092	252	250168	42.025	ng	#	99
89) Benzo(k)fluoranthene	15.121	252	225753	40.517	ng	#	97
90) Benzo(a)pyrene	15.468	252	228753	41.654	ng	#	98
91) Dibenzo(a,h)anthracene	17.045	278	239621	39.696	ng		97
92) Benzo(g,h,i)perylene	17.480	276	233791	39.220	ng	#	96

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

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