Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144251.D
Acq On : 13 Nov 2025 18:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 14 00:45:15 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	51968	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	200841	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	110568	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	178635	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	97497	20.000	ng	0.00
86) Perylene-d12	15.521	264	141608	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	280345	84.418	ng	-0.01
7) Phenol-d6	6.499	99	317739	84.441	ng	0.00
23) Nitrobenzene-d5	7.434	82	291394	83.795	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	107068	77.166	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	608269	81.251	ng	0.00
79) Terphenyl-d14	12.980	244	501168	81.649	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	58598	42.680	ng	98
3) Pyridine	3.363	79	165220	43.134	ng	98
4) n-Nitrosodimethylamine	3.316	42	86938	43.452	ng	97
6) Aniline	6.528	93	226167	42.186	ng	96
8) 2-Chlorophenol	6.651	128	136687	41.970	ng	100
9) Benzaldehyde	6.416	77	123126	57.947	ng	96
10) Phenol	6.510	94	197223	42.899	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	142442	42.520	ng	98
12) 1,3-Dichlorobenzene	6.804	146	167146	41.592	ng	97
13) 1,4-Dichlorobenzene	6.887	146	167446	41.590	ng	99
14) 1,2-Dichlorobenzene	7.034	146	159187	41.251	ng	99
15) Benzyl Alcohol	7.010	79	124809	41.888	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	261019	42.311	ng	92
17) 2-Methylphenol	7.122	107	110502	42.650	ng	97
18) Hexachloroethane	7.375	117	57332	42.861	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	102329	41.310	ng	93
20) 3+4-Methylphenols	7.275	107	129266	42.324	ng	93
22) Acetophenone	7.275	105	176655	41.002	ng	94
24) Nitrobenzene	7.451	77	159867	42.341	ng	98
25) Isophorone	7.687	82	270067	41.058	ng	99
26) 2-Nitrophenol	7.769	139	79152	42.349	ng	99
27) 2,4-Dimethylphenol	7.798	122	117419	41.915	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	166966	40.649	ng	95
29) 2,4-Dichlorophenol	8.010	162	132591	41.065	ng	98
30) 1,2,4-Trichlorobenzene	8.093	180	132213	39.877	ng	99
31) Naphthalene	8.169	128	391932	41.024	ng	99
32) Benzoic acid	7.910	122	71715	34.924	ng	97
33) 4-Chloroaniline	8.222	127	146263	41.976	ng	99
34) Hexachlorobutadiene	8.287	225	101692	40.698	ng	99
35) Caprolactam	8.592	113	34963	39.525	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	124419	42.997	ng	96
37) 2-Methylnaphthalene	8.863	142	261760	40.979	ng	100
38) 1-Methylnaphthalene	8.963	142	249518	40.484	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	151803	41.892	ng	99
41) Hexachlorocyclopentadiene	9.016	237	64761	53.222	ng	99
43) 2,4,6-Trichlorophenol	9.140	196	101858	41.299	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	108059	40.652	ng	98
46) 1,1'-Biphenyl	9.328	154	319227	41.361	ng	100
47) 2-Chloronaphthalene	9.351	162	270772	41.129	ng	99
48) 2-Nitroaniline	9.451	65	84285	44.371	ng	99
49) Acenaphthylene	9.769	152	372747	41.548	ng	100
50) Dimethylphthalate	9.622	163	299906	40.943	ng	99
51) 2,6-Dinitrotoluene	9.687	165	64519	43.512	ng	96
52) Acenaphthene	9.939	154	245317	40.890	ng	95
53) 3-Nitroaniline	9.863	138	66778	41.198	ng	98
54) 2,4-Dinitrophenol	9.975	184	43519	48.603	ng	98
55) Dibenzofuran	10.110	168	342275	40.735	ng	97
56) 4-Nitrophenol	10.022	139	40737	34.743	ng	100
57) 2,4-Dinitrotoluene	10.092	165	85476	43.061	ng	97
58) Fluorene	10.457	166	259003	40.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.234	232	74446	39.585	ng	96
60) Diethylphthalate	10.322	149	273161	40.454	ng	98
61) 4-Chlorophenyl-phenyle...	10.445	204	147928	40.651	ng	95
62) 4-Nitroaniline	10.475	138	60539	39.218	ng	98
63) Azobenzene	10.604	77	265535	42.254	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	45062	37.133	ng	96
66) n-Nitrosodiphenylamine	10.563	169	246829	42.961	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	92919	40.752	ng	96
68) Hexachlorobenzene	11.004	284	112836	42.014	ng	98
69) Atrazine	11.092	200	68954	37.738	ng	100
70) Pentachlorophenol	11.204	266	48352	36.155	ng	98
71) Phenanthrene	11.422	178	368277	41.407	ng	99
72) Anthracene	11.475	178	372602	41.200	ng	99
73) Carbazole	11.628	167	298669	38.838	ng	99
74) Di-n-butylphthalate	11.951	149	338388	36.399	ng	99
75) Fluoranthene	12.610	202	338018	36.791	ng	99
77) Benzidine	12.733	184	128124	44.427	ng	98
78) Pyrene	12.839	202	335999	42.742	ng	99
80) Butylbenzylphthalate	13.457	149	102300	37.547	ng	98
81) Benzo(a)anthracene	14.033	228	282489	41.805	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	97151	41.944	ng	96
83) Chrysene	14.069	228	258932	41.510	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	140188	37.586	ng	98
85) Di-n-octyl phthalate	14.627	149	263062	40.879	ng	98
87) Indeno(1,2,3-cd)pyrene	17.021	276	427107	42.017	ng	99
88) Benzo(b)fluoranthene	15.086	252	336347	41.779	ng	100
89) Benzo(k)fluoranthene	15.116	252	302173	40.100	ng	98
90) Benzo(a)pyrene	15.463	252	305844	41.179	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	341405	41.820	ng	97
92) Benzo(g,h,i)perylene	17.474	276	336335	41.720	ng	100

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

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