Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143563.D
Acq On : 22 Aug 2025 10:29
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 11:28:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	94271	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	366222	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	205977	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	328132	20.000	ng		0.00
76) Chrysene-d12	14.098	240	185804	20.000	ng		0.00
86) Perylene-d12	15.598	264	191413	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	416847	77.212	ng		0.00
7) Phenol-d6	6.563	99	514976	77.272	ng		-0.01
23) Nitrobenzene-d5	7.487	82	488145	77.782	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	147027	76.683	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	941401	75.534	ng		0.00
79) Terphenyl-d14	13.033	244	863432	81.092	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	94915	37.951	ng		98
3) Pyridine	3.534	79	253206	38.012	ng		97
4) n-Nitrosodimethylamine	3.475	42	120370	40.197	ng		92
6) Aniline	6.587	93	344363	38.657	ng	#	80
8) 2-Chlorophenol	6.716	128	230051	38.580	ng		100
9) Benzaldehyde	6.475	77	188266	34.892	ng		95
10) Phenol	6.575	94	301394	39.257	ng		95
11) bis(2-Chloroethyl)ether	6.657	93	218065	38.008	ng		99
12) 1,3-Dichlorobenzene	6.869	146	255019	38.063	ng		98
13) 1,4-Dichlorobenzene	6.945	146	255674	38.042	ng		98
14) 1,2-Dichlorobenzene	7.098	146	244056	38.355	ng		99
15) Benzyl Alcohol	7.069	79	206675	41.421	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	332146	36.186	ng		80
17) 2-Methylphenol	7.181	107	184901	38.635	ng		98
18) Hexachloroethane	7.439	117	90143	39.449	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	161587	39.668	ng		97
20) 3+4-Methylphenols	7.334	107	231248	40.476	ng		96
22) Acetophenone	7.334	105	303462	38.355	ng		99
24) Nitrobenzene	7.510	77	255721	39.590	ng		99
25) Isophorone	7.745	82	448381	38.976	ng		99
26) 2-Nitrophenol	7.822	139	123968	39.181	ng		92
27) 2,4-Dimethylphenol	7.863	122	185671	37.645	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	266138	37.644	ng		99
29) 2,4-Dichlorophenol	8.069	162	203653	38.661	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	204483	37.756	ng		100
31) Naphthalene	8.234	128	658826	37.471	ng		100
32) Benzoic acid	7.975	122	95923	35.831	ng		95
33) 4-Chloroaniline	8.275	127	238101	38.155	ng		97
34) Hexachlorobutadiene	8.351	225	136132	38.527	ng		99
35) Caprolactam	8.645	113	57464	45.461	ng		93
36) 4-Chloro-3-methylphenol	8.763	107	213663	40.475	ng		97
37) 2-Methylnaphthalene	8.922	142	447078	38.072	ng		100
38) 1-Methylnaphthalene	9.022	142	428730	38.168	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	217263	36.876	ng		99
41) Hexachlorocyclopentadiene	9.081	237	79483	38.369	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	138377	38.169	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	146223	36.925	ng	98
46) 1,1'-Biphenyl	9.386	154	543545	37.179	ng	99
47) 2-Chloronaphthalene	9.410	162	425481	37.092	ng	98
48) 2-Nitroaniline	9.504	65	135986	40.507	ng	98
49) Acenaphthylene	9.828	152	612267	37.277	ng	99
50) Dimethylphthalate	9.675	163	492649	39.712	ng	100
51) 2,6-Dinitrotoluene	9.745	165	102662	39.929	ng	98
52) Acenaphthene	9.998	154	427707	38.353	ng	100
53) 3-Nitroaniline	9.916	138	109859	39.543	ng	97
54) 2,4-Dinitrophenol	10.028	184	53467	41.606	ng	96
55) Dibenzofuran	10.169	168	593154	37.307	ng	96
56) 4-Nitrophenol	10.086	139	79634	48.174	ng	94
57) 2,4-Dinitrotoluene	10.151	165	139305	40.578	ng	96
58) Fluorene	10.516	166	462243	37.774	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	113060	38.429	ng	96
60) Diethylphthalate	10.380	149	465237	41.829	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	231588	37.842	ng	98
62) 4-Nitroaniline	10.528	138	108691	42.593	ng	92
63) Azobenzene	10.663	77	451563	39.156	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	66697	36.050	ng	97
66) n-Nitrosodiphenylamine	10.622	169	393386	37.253	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	145663	37.205	ng	95
68) Hexachlorobenzene	11.069	284	156562	37.098	ng	99
69) Atrazine	11.145	200	130358	47.822	ng	96
70) Pentachlorophenol	11.263	266	70755	36.608	ng	98
71) Phenanthrene	11.480	178	653441	37.187	ng	100
72) Anthracene	11.533	178	670563	37.669	ng	99
73) Carbazole	11.680	167	567589	38.913	ng	99
74) Di-n-butylphthalate	12.010	149	633595	46.563	ng	99
75) Fluoranthene	12.669	202	605635	38.411	ng	99
77) Benzidine	12.786	184	159223	35.180	ng	100
78) Pyrene	12.898	202	603623	39.494	ng	100
80) Butylbenzylphthalate	13.510	149	181377	43.441	ng	99
81) Benzo(a)anthracene	14.086	228	439838	36.769	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	124374	36.306	ng	98
83) Chrysene	14.121	228	415462	38.647	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	229295	36.057	ng	100
85) Di-n-octyl phthalate	14.680	149	414295	35.168	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	532381	38.705	ng	99
88) Benzo(b)fluoranthene	15.157	252	412810	38.798	ng	99
89) Benzo(k)fluoranthene	15.186	252	392026	38.482	ng	99
90) Benzo(a)pyrene	15.533	252	382712	38.751	ng	99
91) Dibenzo(a,h)anthracene	17.139	278	429077	38.950	ng	99
92) Benzo(g,h,i)perylene	17.592	276	422396	38.561	ng	99

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

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