Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082125\
Data File : BF143541.D
Acq On : 21 Aug 2025 21:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 22 01:03:01 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	108011	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	392952	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	198915	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	258518	20.000	ng		0.00
76) Chrysene-d12	14.098	240	214686	20.000	ng		0.00
86) Perylene-d12	15.592	264	251825	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	497229	80.385	ng		0.00
7) Phenol-d6	6.563	99	601015	78.710	ng		-0.01
23) Nitrobenzene-d5	7.487	82	553472	82.193	ng		-0.01
42) 2,4,6-Tribromophenol	10.751	330	129842	70.124	ng		-0.01
45) 2-Fluorobiphenyl	9.281	172	992875	82.492	ng		0.00
79) Terphenyl-d14	13.033	244	742182	60.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	114095	39.817	ng		99
3) Pyridine	3.510	79	307248	40.257	ng		99
4) n-Nitrosodimethylamine	3.451	42	139062	40.532	ng		98
6) Aniline	6.587	93	397725	38.968	ng	#	87
8) 2-Chlorophenol	6.716	128	269653	39.468	ng		99
9) Benzaldehyde	6.481	77	316794	51.244	ng		99
10) Phenol	6.575	94	350678	39.865	ng		92
11) bis(2-Chloroethyl)ether	6.657	93	259511	39.478	ng		99
12) 1,3-Dichlorobenzene	6.869	146	305604	39.811	ng		100
13) 1,4-Dichlorobenzene	6.945	146	303296	39.387	ng		99
14) 1,2-Dichlorobenzene	7.098	146	285996	39.228	ng		99
15) Benzyl Alcohol	7.069	79	228814	40.024	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	397603	37.807	ng		86
17) 2-Methylphenol	7.181	107	216273	39.441	ng		96
18) Hexachloroethane	7.439	117	105808	40.414	ng		97
19) n-Nitroso-di-n-propyla...	7.339	70	182603	39.125	ng		99
20) 3+4-Methylphenols	7.334	107	259955	39.713	ng		98
22) Acetophenone	7.334	105	342471	40.341	ng		98
24) Nitrobenzene	7.510	77	290329	41.891	ng		99
25) Isophorone	7.745	82	505703	40.968	ng		100
26) 2-Nitrophenol	7.822	139	142237	41.897	ng		97
27) 2,4-Dimethylphenol	7.863	122	209766	39.637	ng		96
28) bis(2-Chloroethoxy)met...	7.951	93	305022	40.209	ng		100
29) 2,4-Dichlorophenol	8.069	162	227966	40.333	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	230094	39.595	ng		100
31) Naphthalene	8.234	128	744548	39.466	ng		100
32) Benzoic acid	7.975	122	90688	32.227	ng		98
33) 4-Chloroaniline	8.275	127	261292	39.023	ng		98
34) Hexachlorobutadiene	8.351	225	157525	41.549	ng		99
35) Caprolactam	8.639	113	59854	44.131	ng		99
36) 4-Chloro-3-methylphenol	8.757	107	221167	39.046	ng		97
37) 2-Methylnaphthalene	8.922	142	485566	38.537	ng		100
38) 1-Methylnaphthalene	9.022	142	464561	38.544	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	232775	40.912	ng		99
41) Hexachlorocyclopentadiene	9.081	237	99751	47.931	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	141045	40.287	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	149000	38.962	ng	99
46) 1,1'-Biphenyl	9.386	154	576926	40.863	ng	99
47) 2-Chloronaphthalene	9.410	162	445734	40.237	ng	99
48) 2-Nitroaniline	9.504	65	133316	41.121	ng	97
49) Acenaphthylene	9.828	152	632792	39.894	ng	99
50) Dimethylphthalate	9.675	163	517277	43.178	ng	100
51) 2,6-Dinitrotoluene	9.739	165	104417	42.054	ng	97
52) Acenaphthene	9.998	154	426093	39.565	ng	99
53) 3-Nitroaniline	9.910	138	107575	40.096	ng	98
54) 2,4-Dinitrophenol	10.022	184	42497	35.180	ng	92
55) Dibenzofuran	10.169	168	589276	38.379	ng	98
56) 4-Nitrophenol	10.080	139	71374	44.710	ng	97
57) 2,4-Dinitrotoluene	10.145	165	135323	40.817	ng	99
58) Fluorene	10.510	166	445748	37.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	102378	36.034	ng	98
60) Diethylphthalate	10.380	149	452223	42.103	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	226002	38.240	ng	100
62) 4-Nitroaniline	10.528	138	94863	38.494	ng	97
63) Azobenzene	10.663	77	423247	38.003	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	49282	33.810	ng	96
66) n-Nitrosodiphenylamine	10.616	169	372279	44.747	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	134549	43.621	ng	97
68) Hexachlorobenzene	11.069	284	135845	40.857	ng	99
69) Atrazine	11.145	200	109858	51.154	ng	97
70) Pentachlorophenol	11.263	266	175785	115.439	ng	99
71) Phenanthrene	11.475	178	549952	39.725	ng	100
72) Anthracene	11.527	178	556174	39.657	ng	100
73) Carbazole	11.680	167	462479	40.245	ng	100
74) Di-n-butylphthalate	12.004	149	537532	50.141	ng	100
75) Fluoranthene	12.669	202	492348	39.634	ng	99
77) Benzidine	12.786	184	195212	37.329	ng	99
78) Pyrene	12.898	202	512816	29.039	ng	99
80) Butylbenzylphthalate	13.504	149	205922	42.684	ng	99
81) Benzo(a)anthracene	14.086	228	539685	39.046	ng	100
82) 3,3'-Dichlorobenzidine	14.045	252	169230	42.754	ng	98
83) Chrysene	14.121	228	506589	40.785	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	309398	42.108	ng	99
85) Di-n-octyl phthalate	14.680	149	571053	41.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	507932	28.069	ng	100
88) Benzo(b)fluoranthene	15.151	252	614647	43.910	ng	99
89) Benzo(k)fluoranthene	15.180	252	544556	40.631	ng	100
90) Benzo(a)pyrene	15.533	252	526390	40.513	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	420052	28.983	ng	99
92) Benzo(g,h,i)perylene	17.580	276	367915	25.530	ng	99

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

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