Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071125\
Data File : BF143076.D
Acq On : 11 Jul 2025 14:48
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jul 11 17:41:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 17:21:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	135384	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	519511	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	248627	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	340859	20.000	ng	0.00
76) Chrysene-d12	14.127	240	198372	20.000	ng	0.00
86) Perylene-d12	15.633	264	263801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	801334	94.032	ng	0.00
7) Phenol-d6	6.587	99	1019876	94.585	ng	0.00
23) Nitrobenzene-d5	7.528	82	776326	106.785	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	194066	105.458	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1488391	94.094	ng	0.00
79) Terphenyl-d14	13.075	244	997981	86.914	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	191862	47.902	ng	98
3) Pyridine	3.569	79	474341	48.278	ng	100
4) n-Nitrosodimethylamine	3.516	42	265363	48.679	ng	98
6) Aniline	6.628	93	513352	47.801	ng	100
8) 2-Chlorophenol	6.757	128	413821	48.169	ng	96
9) Benzaldehyde	6.516	77	302952	46.945	ng	99
10) Phenol	6.604	94	525677m	47.008	ng	
11) bis(2-Chloroethyl)ether	6.698	93	414728	47.249	ng	99
12) 1,3-Dichlorobenzene	6.910	146	454915	46.968	ng	99
13) 1,4-Dichlorobenzene	6.987	146	455208	46.923	ng	99
14) 1,2-Dichlorobenzene	7.145	146	420835	46.604	ng	98
15) Benzyl Alcohol	7.104	79	388247	48.189	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.240	45	743514	46.490	ng	100
17) 2-Methylphenol	7.210	107	339619	47.838	ng	98
18) Hexachloroethane	7.487	117	155302	49.755	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	307744	46.375	ng	99
20) 3+4-Methylphenols	7.363	107	419797	47.871	ng	94
22) Acetophenone	7.375	105	564163	46.488	ng	96
24) Nitrobenzene	7.545	77	418784	55.264	ng	99
25) Isophorone	7.787	82	744968	47.198	ng	99
26) 2-Nitrophenol	7.863	139	149286	50.279	ng	99
27) 2,4-Dimethylphenol	7.893	122	278853	48.740	ng	98
28) bis(2-Chloroethoxy)met...	7.992	93	484452	46.667	ng	100
29) 2,4-Dichlorophenol	8.098	162	336143	49.969	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	364556	47.243	ng	100
31) Naphthalene	8.275	128	1201613	46.800	ng	100
32) Benzoic acid	7.998	122	173301m	49.868	ng	
33) 4-Chloroaniline	8.310	127	410205	47.290	ng	99
34) Hexachlorobutadiene	8.392	225	217542	48.043	ng	99
35) Caprolactam	8.675	113	90990	48.244	ng	98
36) 4-Chloro-3-methylphenol	8.787	107	352178	48.681	ng	99
37) 2-Methylnaphthalene	8.963	142	778849	46.416	ng	100
38) 1-Methylnaphthalene	9.063	142	745213	46.148	ng	100
40) 1,2,4,5-Tetrachloroben...	9.128	216	354442	48.671	ng	99
41) Hexachlorocyclopentadiene	9.122	237	98913	54.444	ng	100
43) 2,4,6-Trichlorophenol	9.234	196	216219	53.128	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	224042	52.810	ng	99
46) 1,1'-Biphenyl	9.428	154	934827	47.883	ng	99
47) 2-Chloronaphthalene	9.451	162	681365	48.190	ng	100
48) 2-Nitroaniline	9.534	65	167798	48.379	ng	98
49) Acenaphthylene	9.869	152	984892	47.447	ng	100
50) Dimethylphthalate	9.722	163	736402	47.662	ng	100
51) 2,6-Dinitrotoluene	9.775	165	131514	48.129	ng	98
52) Acenaphthene	10.039	154	664431	47.524	ng	99
53) 3-Nitroaniline	9.945	138	142428	48.382	ng	98
54) 2,4-Dinitrophenol	10.045	184	29413	48.059	ng	65
55) Dibenzofuran	10.210	168	971404	47.575	ng	99
56) 4-Nitrophenol	10.086	139	103891	48.207	ng	99
57) 2,4-Dinitrotoluene	10.181	165	140789	47.104	ng	99
58) Fluorene	10.551	166	685810	45.885	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	177944	52.056	ng	98
60) Diethylphthalate	10.422	149	669625	47.100	ng	100
61) 4-Chlorophenyl-phenyle...	10.545	204	344923	46.430	ng	100
62) 4-Nitroaniline	10.557	138	110631	46.571	ng	98
63) Azobenzene	10.704	77	759015	46.897	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	49376	49.283	ng	98
66) n-Nitrosodiphenylamine	10.657	169	583121	49.786	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	196232	49.531	ng	100
68) Hexachlorobenzene	11.104	284	195141	48.948	ng	98
69) Atrazine	11.181	200	122706	49.198	ng	99
70) Pentachlorophenol	11.292	266	120562	53.898	ng	98
71) Phenanthrene	11.516	178	883871	47.317	ng	100
72) Anthracene	11.569	178	874780	48.050	ng	100
73) Carbazole	11.716	167	709783	47.172	ng	100
74) Di-n-butylphthalate	12.051	149	760837	50.979	ng	100
75) Fluoranthene	12.704	202	748527	46.589	ng	100
77) Benzidine	12.816	184	307292	78.051	ng	100
78) Pyrene	12.933	202	746182	43.056	ng	100
80) Butylbenzylphthalate	13.545	149	164124	48.177	ng	99
81) Benzo(a)anthracene	14.116	228	620859	48.925	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	195200	55.829	ng	99
83) Chrysene	14.151	228	597899	50.243	ng	100
84) Bis(2-ethylhexyl)phtha...	14.110	149	289168	57.613	ng	100
85) Di-n-octyl phthalate	14.727	149	547806	50.320	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	885920	48.867	ng	100
88) Benzo(b)fluoranthene	15.186	252	770403	49.633	ng	100
89) Benzo(k)fluoranthene	15.221	252	651600	47.533	ng	99
90) Benzo(a)pyrene	15.568	252	661879	49.905	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	726523	49.078	ng	99
92) Benzo(g,h,i)perylene	17.639	276	758232	48.692	ng	100

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

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