Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143720.D
Acq On : 11 Sep 2025 21:54
Operator : RC/JU
Sample : Q3075-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MOO-25-0254-0256MS

Quant Time: Sep 12 04:41:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	37761	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	146183	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	74540	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	102389	20.000	ng	# 0.01
76) Chrysene-d12	14.062	240	96466	20.000	ng	0.02
86) Perylene-d12	15.539	264	68250	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	152360	68.840	ng	0.01
7) Phenol-d6	6.516	99	189626	70.366	ng	0.01
23) Nitrobenzene-d5	7.451	82	112476	47.858	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	45934	61.148	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	223300	45.254	ng	0.00
79) Terphenyl-d14	13.004	244	202830	34.073	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	38044	38.535	ng	99
3) Pyridine	3.475	79	100970	39.591	ng	96
4) n-Nitrosodimethylamine	3.422	42	44818	46.264	ng	99
6) Aniline	6.557	93	118041	33.072	ng	98
8) 2-Chlorophenol	6.675	128	109922	45.985	ng	98
9) Benzaldehyde	6.445	77	70480	32.415	ng	98
10) Phenol	6.528	94	144091	48.371	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	100208	45.041	ng	97
12) 1,3-Dichlorobenzene	6.834	146	123627	45.222	ng	100
13) 1,4-Dichlorobenzene	6.910	146	127304	46.136	ng	99
14) 1,2-Dichlorobenzene	7.063	146	121133	46.487	ng	99
15) Benzyl Alcohol	7.034	79	95573	48.755	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	124082	42.630	ng	97
17) 2-Methylphenol	7.139	107	89968	46.788	ng	99
18) Hexachloroethane	7.410	117	37234	41.772	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	76026	45.935	ng	98
20) 3+4-Methylphenols	7.292	107	118278	46.710	ng	91
22) Acetophenone	7.304	105	167863	50.844	ng	98
24) Nitrobenzene	7.475	77	109788	45.053	ng	97
25) Isophorone	7.716	82	205671	45.638	ng	100
26) 2-Nitrophenol	7.792	139	58069	48.466	ng	96
27) 2,4-Dimethylphenol	7.822	122	106030	49.295	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	125057	45.155	ng	99
29) 2,4-Dichlorophenol	8.028	162	95878	44.313	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	103258	46.065	ng	99
31) Naphthalene	8.198	128	315948	43.660	ng	100
32) Benzoic acid	7.922	122	61144	46.594	ng	98
33) 4-Chloroaniline	8.239	127	53260	21.141	ng	99
34) Hexachlorobutadiene	8.316	225	62534	42.771	ng	97
35) Caprolactam	8.610	113	27263	47.342	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	95470	44.750	ng	97
37) 2-Methylnaphthalene	8.892	142	196517	39.671	ng	100
38) 1-Methylnaphthalene	8.992	142	201841	42.458	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	112298	52.624	ng	100
41) Hexachlorocyclopentadiene	9.045	237	63064	57.563	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	70119	49.208	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	71641	49.455	ng		97
46) 1,1'-Biphenyl	9.351	154	292832	54.569	ng		100
47) 2-Chloronaphthalene	9.380	162	198474	47.178	ng		99
48) 2-Nitroaniline	9.469	65	55776	50.099	ng		95
49) Acenaphthylene	9.798	152	321370	53.329	ng		100
50) Dimethylphthalate	9.651	163	239346	49.352	ng		99
51) 2,6-Dinitrotoluene	9.716	165	48736	52.559	ng		94
52) Acenaphthene	9.969	154	190300	45.827	ng		100
53) 3-Nitroaniline	9.880	138	34040	34.112	ng		99
54) 2,4-Dinitrophenol	9.986	184	21375	45.447	ng	#	64
55) Dibenzofuran	10.139	168	274920	46.041	ng		99
56) 4-Nitrophenol	10.033	139	68437	86.204	ng		96
57) 2,4-Dinitrotoluene	10.116	165	61372	48.630	ng		96
58) Fluorene	10.480	166	209033	44.721	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	53322	45.396	ng		98
60) Diethylphthalate	10.351	149	219115	48.124	ng		100
61) 4-Chlorophenyl-phenyle...	10.474	204	107627	45.402	ng		99
62) 4-Nitroaniline	10.492	138	40140	42.471	ng		100
63) Azobenzene	10.633	77	189861	47.168	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	18117	34.753	ng		99
66) n-Nitrosodiphenylamine	10.592	169	179515	53.518	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	59843	48.467	ng		94
68) Hexachlorobenzene	11.027	284	61534	47.198	ng		96
69) Atrazine	11.116	200	56346	53.576	ng		98
70) Pentachlorophenol	11.221	266	77019	97.726	ng		98
71) Phenanthrene	11.445	178	285868	50.673	ng		100
72) Anthracene	11.498	178	277634	48.943	ng		99
73) Carbazole	11.651	167	234702	50.521	ng		99
74) Di-n-butylphthalate	11.980	149	294465	52.649	ng		100
75) Fluoranthene	12.633	202	331015	63.916	ng		99
77) Benzidine	12.757	184	127423	40.506	ng		99
78) Pyrene	12.863	202	330560	42.858	ng		99
80) Butylbenzylphthalate	13.486	149	193198	79.947	ng		100
81) Benzo(a)anthracene	14.057	228	332875	53.637	ng		100
82) 3,3'-Dichlorobenzidine	14.015	252	70959	37.166	ng		100
83) Chrysene	14.092	228	282616	49.722	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	166864	48.394	ng		98
85) Di-n-octyl phthalate	14.657	149	286596	46.384	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.033	276	173428	37.233	ng		99
88) Benzo(b)fluoranthene	15.109	252	253590	62.418	ng		99
89) Benzo(k)fluoranthene	15.139	252	235016	64.095	ng		99
90) Benzo(a)pyrene	15.480	252	197140	55.232	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	131866	34.122	ng		100
92) Benzo(g,h,i)perylene	17.486	276	138412	38.291	ng		99

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

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