Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144374.D
Acq On : 26 Nov 2025 21:43
Operator : RC/JU
Sample : Q3719-10MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15BMSD

Quant Time: Nov 27 00:53:32 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	6.863	152	81542	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	306091	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	162890	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	241912	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	201970	20.000	ng	0.00
86) Perylene-d12	15.527	264	249505	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	235719	45.237	ng	0.00
7) Phenol-d6	6.498	99	256275	43.405	ng	0.00
23) Nitrobenzene-d5	7.422	82	159889	30.169	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	70082	34.285	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	333069	30.200	ng	-0.01
79) Terphenyl-d14	12.974	244	280778	22.082	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	67293	31.237	ng	99
3) Pyridine	3.428	79	179055	29.792	ng	98
4) n-Nitrosodimethylamine	3.381	42	101453	32.316	ng	92
6) Aniline	6.528	93	188129	22.364	ng	97
8) 2-Chlorophenol	6.651	128	163754	32.045	ng	99
9) Benzaldehyde	6.416	77	85234	25.565	ng	98
10) Phenol	6.510	94	226275	31.367	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	165938	31.569	ng	97
12) 1,3-Dichlorobenzene	6.804	146	199064	31.569	ng	98
13) 1,4-Dichlorobenzene	6.881	146	202188	32.005	ng	99
14) 1,2-Dichlorobenzene	7.034	146	192945	31.865	ng	98
15) Benzyl Alcohol	7.004	79	149215	31.917	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	314577	32.499	ng	91
17) 2-Methylphenol	7.116	107	128666	31.650	ng	98
18) Hexachloroethane	7.375	117	63385	30.200	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	119267	30.685	ng	99
20) 3+4-Methylphenols	7.275	107	149614	31.220	ng	96
22) Acetophenone	7.269	105	209506	31.906	ng	97
24) Nitrobenzene	7.445	77	180992	31.453	ng	96
25) Isophorone	7.687	82	326671	32.587	ng	98
26) 2-Nitrophenol	7.763	139	94477	33.167	ng	96
27) 2,4-Dimethylphenol	7.798	122	149855	35.099	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	205701	32.859	ng	98
29) 2,4-Dichlorophenol	8.004	162	150901	30.666	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	159445	31.555	ng	99
31) Naphthalene	8.169	128	452493	31.077	ng	99
32) Benzoic acid	7.922	122	95101	30.388	ng	95
33) 4-Chloroaniline	8.216	127	51449	9.688	ng	97
34) Hexachlorobutadiene	8.281	225	112068	29.429	ng	99
35) Caprolactam	8.592	113	44734	33.182	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	135531	30.732	ng	98
37) 2-Methylnaphthalene	8.857	142	276484	28.401	ng	100
38) 1-Methylnaphthalene	8.957	142	277822	29.577	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	166196	31.132	ng	99
41) Hexachlorocyclopentadiene	9.010	237	106937	57.915	ng	96
43) 2,4,6-Trichlorophenol	9.139	196	111024	30.556	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	115855	29.585	ng	99
46)	1,1'-Biphenyl	9.322	154	369920	32.534	ng	99
47)	2-Chloronaphthalene	9.345	162	306305	31.581	ng	99
48)	2-Nitroaniline	9.445	65	88692	31.693	ng	97
49)	Acenaphthylene	9.763	152	461521	34.919	ng	100
50)	Dimethylphthalate	9.622	163	349250	32.365	ng	99
51)	2,6-Dinitrotoluene	9.686	165	73387	33.595	ng	96
52)	Acenaphthene	9.939	154	252538	28.573	ng	99
53)	3-Nitroaniline	9.857	138	45554	19.077	ng	99
54)	2,4-Dinitrophenol	9.975	184	60003	45.488	ng	97
55)	Dibenzofuran	10.110	168	370075	29.896	ng	99
56)	4-Nitrophenol	10.033	139	83116	48.117	ng	91
57)	2,4-Dinitrotoluene	10.098	165	92050	31.477	ng	95
58)	Fluorene	10.451	166	289541	30.765	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	84848	30.624	ng	98
60)	Diethylphthalate	10.322	149	332510	33.426	ng	99
61)	4-Chlorophenyl-phenyle...	10.445	204	160189	29.880	ng	97
62)	4-Nitroaniline	10.475	138	62127	27.319	ng	95
63)	Azobenzene	10.604	77	303167	32.746	ng	95
65)	4,6-Dinitro-2-methylph...	10.504	198	47969	29.189	ng	94
66)	n-Nitrosodiphenylamine	10.563	169	280054	35.994	ng	99
67)	4-Bromophenyl-phenylether	10.933	248	100438	32.528	ng	99
68)	Hexachlorobenzene	11.004	284	112886	31.038	ng	96
69)	Atrazine	11.092	200	88306	35.688	ng	99
70)	Pentachlorophenol	11.204	266	102056	56.351	ng	97
71)	Phenanthrene	11.416	178	388796	32.280	ng	100
72)	Anthracene	11.469	178	385462	31.474	ng	99
73)	Carbazole	11.627	167	328767	31.569	ng	99
74)	Di-n-butylphthalate	11.951	149	426451	33.873	ng	99
75)	Fluoranthene	12.610	202	406348	32.660	ng	99
77)	Benzidine	12.733	184	177472	29.707	ng	99
78)	Pyrene	12.839	202	414713	25.467	ng	100
80)	Butylbenzylphthalate	13.457	149	166528	29.505	ng	97
81)	Benzo(a)anthracene	14.033	228	444786	31.775	ng	99
82)	3,3'-Dichlorobenzidine	13.992	252	102596	21.382	ng	97
83)	Chrysene	14.074	228	419126	32.435	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	245449	31.768	ng	99
85)	Di-n-octyl phthalate	14.627	149	450885	33.823	ng	99
87)	Indeno(1,2,3-cd)pyrene	17.027	276	378366	21.125	ng	97
88)	Benzo(b)fluoranthene	15.092	252	526719	37.132	ng	99
89)	Benzo(k)fluoranthene	15.121	252	397902	29.969	ng	98
90)	Benzo(a)pyrene	15.462	252	431590	32.981	ng	98
91)	Dibenzo(a,h)anthracene	17.039	278	312258	21.709	ng	99
92)	Benzo(g,h,i)perylene	17.480	276	283057	19.927	ng	98

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

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