Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144378.D
Acq On : 26 Nov 2025 23:44
Operator : RC/JU
Sample : Q3721-01MS 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-2-112525MS

Quant Time: Nov 27 00:55:21 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	62340	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	204401	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	101875	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	181460	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	168757	20.000	ng		0.00
86) Perylene-d12	15.527	264	133172	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	71054	17.836	ng		0.00
7) Phenol-d6	6.493	99	76483	16.944	ng		0.00
23) Nitrobenzene-d5	7.422	82	43555	12.307	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	20084	15.710	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	85255	12.360	ng		-0.01
79) Terphenyl-d14	12.980	244	109336	10.291	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	12601	7.651	ng	#	95
3) Pyridine	3.387	79	32040	6.973	ng		95
4) n-Nitrosodimethylamine	3.304	42	17488	7.286	ng		93
6) Aniline	6.522	93	36984	5.751	ng	#	82
8) 2-Chlorophenol	6.651	128	32682	8.365	ng		96
9) Benzaldehyde	6.416	77	16822	6.600	ng	#	82
10) Phenol	6.510	94	46193	8.376	ng		98
11) bis(2-Chloroethyl)ether	6.593	93	33901	8.436	ng		98
12) 1,3-Dichlorobenzene	6.804	146	41027	8.510	ng		94
13) 1,4-Dichlorobenzene	6.881	146	39899	8.261	ng		96
14) 1,2-Dichlorobenzene	7.034	146	38372	8.289	ng		97
15) Benzyl Alcohol	7.004	79	26866	7.517	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	57715	7.799	ng		81
17) 2-Methylphenol	7.116	107	25640	8.250	ng		99
18) Hexachloroethane	7.375	117	16971	10.577	ng		93
19) n-Nitroso-di-n-propyla...	7.263	70	27465	9.243	ng		97
20) 3+4-Methylphenols	7.275	107	31457	8.586	ng		97
22) Acetophenone	7.269	105	59044	13.465	ng		94
24) Nitrobenzene	7.439	77	32995	8.587	ng		97
25) Isophorone	7.681	82	60960	9.106	ng	#	93
26) 2-Nitrophenol	7.763	139	16377	8.610	ng		98
27) 2,4-Dimethylphenol	7.798	122	28810	10.105	ng		99
28) bis(2-Chloroethoxy)met...	7.887	93	37895	9.065	ng	#	90
29) 2,4-Dichlorophenol	8.010	162	26740	8.138	ng		97
30) 1,2,4-Trichlorobenzene	8.087	180	28998	8.594	ng		95
31) Naphthalene	8.163	128	90701	9.328	ng		98
32) Benzoic acid	7.892	122	11140	5.331	ng	#	59
33) 4-Chloroaniline	8.222	127	21592	6.089	ng		97
34) Hexachlorobutadiene	8.281	225	19916	7.832	ng		98
35) Caprolactam	8.557	113	11431	12.697	ng	#	28
36) 4-Chloro-3-methylphenol	8.704	107	22877	7.768	ng		98
37) 2-Methylnaphthalene	8.857	142	57344	8.821	ng		98
38) 1-Methylnaphthalene	8.957	142	55980	8.925	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	27554	8.253	ng		98
41) Hexachlorocyclopentadiene	9.010	237	489	4.761	ng		94
43) 2,4,6-Trichlorophenol	9.139	196	18190	8.005	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	19333	7.894	ng	#	83
46) 1,1'-Biphenyl	9.322	154	70738	9.947	ng		98
47) 2-Chloronaphthalene	9.345	162	51087	8.422	ng		99
48) 2-Nitroaniline	9.445	65	14654	8.373	ng		95
49) Acenaphthylene	9.763	152	81412	9.849	ng		99
50) Dimethylphthalate	9.616	163	59631	8.836	ng	#	97
51) 2,6-Dinitrotoluene	9.686	165	11997	8.781	ng		89
52) Acenaphthene	9.933	154	42726	7.729	ng		99
53) 3-Nitroaniline	9.857	138	12107	8.107	ng	#	94
55) Dibenzofuran	10.110	168	66970	8.650	ng		97
56) 4-Nitrophenol	10.039	139	13801	12.775	ng		92
57) 2,4-Dinitrotoluene	10.092	165	14402	7.874	ng	#	98
58) Fluorene	10.451	166	55760	9.473	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	13490	7.785	ng	#	79
60) Diethylphthalate	10.316	149	54583	8.773	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	28179	8.404	ng		94
62) 4-Nitroaniline	10.469	138	12335	8.673	ng		92
63) Azobenzene	10.604	77	48839	8.435	ng		88
66) n-Nitrosodiphenylamine	10.557	169	53940	9.242	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	17913	7.734	ng		96
68) Hexachlorobenzene	11.004	284	20566	7.538	ng		97
69) Atrazine	11.086	200	17128	9.228	ng		96
70) Pentachlorophenol	11.204	266	20060	14.766	ng		90
71) Phenanthrene	11.416	178	93078	10.302	ng		99
72) Anthracene	11.469	178	87986	9.578	ng		100
73) Carbazole	11.627	167	78560	10.057	ng		98
74) Di-n-butylphthalate	11.951	149	91726	9.713	ng		99
75) Fluoranthene	12.610	202	107938	11.565	ng		98
77) Benzidine	12.733	184	41547	8.323	ng		97
78) Pyrene	12.839	202	122440	8.999	ng		99
80) Butylbenzylphthalate	13.457	149	44501	9.436	ng		95
81) Benzo(a)anthracene	14.033	228	105655	9.033	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	24595	6.135	ng	#	99
83) Chrysene	14.068	228	98150	9.090	ng		96
84) Bis(2-ethylhexyl)phtha...	14.016	149	65427	10.135	ng		99
85) Di-n-octyl phthalate	14.627	149	101594	9.121	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.027	276	67213	7.031	ng	#	95
88) Benzo(b)fluoranthene	15.092	252	76308	10.079	ng	#	98
89) Benzo(k)fluoranthene	15.121	252	69911	9.865	ng	#	95
90) Benzo(a)pyrene	15.463	252	67374	9.646	ng	#	96
91) Dibenzo(a,h)anthracene	17.039	278	54023	7.037	ng	#	95
92) Benzo(g,h,i)perylene	17.480	276	53702	7.083	ng	#	94

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

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