Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144081.D
Acq On : 27 Oct 2025 14:04
Operator : RC/JU
Sample : Q3385-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WWMSD

Quant Time: Oct 27 14:35:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	49404	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	184320	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	89189	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	144598	20.000	ng		0.00
76) Chrysene-d12	14.063	240	116309	20.000	ng		0.00
86) Perylene-d12	15.545	264	164968	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	185673	59.460	ng		0.00
7) Phenol-d6	6.504	99	148627	43.097	ng		0.00
23) Nitrobenzene-d5	7.439	82	310888	92.408	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	95195	83.791	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	596651	94.139	ng		0.00
79) Terphenyl-d14	13.004	244	580328	87.228	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	35561	26.354	ng		99
3) Pyridine	3.446	79	76086	21.062	ng		97
4) n-Nitrosodimethylamine	3.381	42	62445	28.131	ng		97
6) Aniline	6.539	93	96849	19.630	ng		97
8) 2-Chlorophenol	6.663	128	123167	40.052	ng		99
10) Phenol	6.516	94	94713	22.261	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	140114	45.575	ng		98
12) 1,3-Dichlorobenzene	6.822	146	143967	37.952	ng		97
13) 1,4-Dichlorobenzene	6.898	146	147116	39.352	ng		98
14) 1,2-Dichlorobenzene	7.051	146	145250	40.154	ng		98
15) Benzyl Alcohol	7.022	79	115727	41.270	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	255754	44.263	ng		97
17) 2-Methylphenol	7.134	107	88619	37.468	ng		96
18) Hexachloroethane	7.392	117	49666	37.159	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	109156	48.946	ng		97
20) 3+4-Methylphenols	7.281	107	96412	34.482	ng	#	68
22) Acetophenone	7.286	105	214604	53.875	ng		94
24) Nitrobenzene	7.463	77	158618	44.569	ng		98
25) Isophorone	7.698	82	274493	46.668	ng		98
26) 2-Nitrophenol	7.775	139	76675	45.288	ng		99
27) 2,4-Dimethylphenol	7.810	122	116731	46.396	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	170295	46.426	ng		99
29) 2,4-Dichlorophenol	8.022	162	120615	41.224	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	131663	43.741	ng		98
31) Naphthalene	8.186	128	373789	42.967	ng		99
32) Benzoic acid	7.934	122	97529	61.112	ng		87
33) 4-Chloroaniline	8.233	127	50973	16.831	ng		96
34) Hexachlorobutadiene	8.298	225	97311	39.537	ng		98
35) Caprolactam	8.592	113	9973	13.592	ng	#	88
36) 4-Chloro-3-methylphenol	8.710	107	104564	40.497	ng		96
37) 2-Methylnaphthalene	8.875	142	228037	39.758	ng		96
38) 1-Methylnaphthalene	8.975	142	237092	43.631	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	157639	51.428	ng		98
41) Hexachlorocyclopentadiene	9.028	237	119219	125.925	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	96027	48.197	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	97649	46.699	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	346841	54.325	ng		100
47) 2-Chloronaphthalene	9.363	162	258873	48.398	ng		97
48) 2-Nitroaniline	9.463	65	81090	51.054	ng		98
49) Acenaphthylene	9.780	152	385627	53.469	ng		100
50) Dimethylphthalate	9.639	163	293998	50.289	ng		100
51) 2,6-Dinitrotoluene	9.704	165	62124	53.753	ng		93
52) Acenaphthene	9.951	154	241590	50.158	ng		99
53) 3-Nitroaniline	9.869	138	33858	26.349	ng		98
54) 2,4-Dinitrophenol	9.980	184	54788	87.648	ng		95
55) Dibenzofuran	10.127	168	313560	46.893	ng		99
56) 4-Nitrophenol	10.057	139	39535	45.436	ng		96
57) 2,4-Dinitrotoluene	10.104	165	81351	52.154	ng		97
58) Fluorene	10.469	166	244931	48.073	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72364	49.110	ng		96
60) Diethylphthalate	10.339	149	261261	47.520	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	132877	46.376	ng		98
62) 4-Nitroaniline	10.486	138	52188	42.865	ng		99
63) Azobenzene	10.622	77	262249	50.397	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	43196	46.561	ng		98
66) n-Nitrosodiphenylamine	10.580	169	235572	50.990	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	67738	37.415	ng	#	87
68) Hexachlorobenzene	11.022	284	92011	41.439	ng	#	89
69) Atrazine	11.110	200	42332	27.923	ng		95
70) Pentachlorophenol	11.233	266	97382	92.139	ng		96
71) Phenanthrene	11.439	178	340484	47.402	ng		98
72) Anthracene	11.492	178	351270	47.340	ng		99
73) Carbazole	11.645	167	284242	45.005	ng		99
74) Di-n-butylphthalate	11.969	149	357018	46.106	ng		98
75) Fluoranthene	12.627	202	351597	44.305	ng		99
77) Benzidine	12.751	184	49705	13.732	ng	#	89
78) Pyrene	12.857	202	267046	31.936	ng		99
80) Butylbenzylphthalate	13.474	149	151394	47.858	ng		99
81) Benzo(a)anthracene	14.051	228	390020	49.619	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	81598	29.822	ng	#	97
83) Chrysene	14.086	228	368729	49.990	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	218431	50.579	ng		99
85) Di-n-octyl phthalate	14.645	149	400041	53.864	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	553432	48.864	ng		99
88) Benzo(b)fluoranthene	15.110	252	425872	45.664	ng		100
89) Benzo(k)fluoranthene	15.139	252	443630	51.557	ng		99
90) Benzo(a)pyrene	15.480	252	415903	49.709	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	450035	50.197	ng		99
92) Benzo(g,h,i)perylene	17.509	276	450477	49.977	ng		97

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

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