Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142760.D
Acq On : 12 Jun 2025 16:27
Operator : RC/JU
Sample : Q2296-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Quant Time: Jun 12 16:59:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	63225	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	222152	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	100169	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	134861	20.000	ng		0.00
76) Chrysene-d12	14.069	240	131057	20.000	ng		0.00
86) Perylene-d12	15.563	264	153812	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	351233	94.614	ng		0.01
7) Phenol-d6	6.522	99	405955	92.922	ng		0.00
23) Nitrobenzene-d5	7.457	82	246809	60.802	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	93321	85.004	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	477246	63.298	ng		0.00
79) Terphenyl-d14	13.004	244	364552	38.204	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	61991	42.196	ng		98
3) Pyridine	3.481	79	164349	44.615	ng		98
4) n-Nitrosodimethylamine	3.434	42	89900	47.699	ng		100
6) Aniline	6.551	93	166636	28.498	ng	#	90
8) 2-Chlorophenol	6.675	128	188774	46.533	ng		99
9) Benzaldehyde	6.440	77	131714	48.685	ng		97
10) Phenol	6.534	94	215774	44.434	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	166678	45.953	ng		99
12) 1,3-Dichlorobenzene	6.834	146	213448	46.104	ng		98
13) 1,4-Dichlorobenzene	6.910	146	212598	45.437	ng		98
14) 1,2-Dichlorobenzene	7.063	146	203355	45.340	ng		99
15) Benzyl Alcohol	7.034	79	146838	44.469	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	255296	44.705	ng		96
17) 2-Methylphenol	7.145	107	137342	44.161	ng		99
18) Hexachloroethane	7.404	117	77385	46.151	ng		100
19) n-Nitroso-di-n-propyla...	7.304	70	117965	42.414	ng		99
20) 3+4-Methylphenols	7.298	107	167222	42.649	ng	#	90
22) Acetophenone	7.298	105	239632	48.493	ng		98
24) Nitrobenzene	7.475	77	170643	47.366	ng		98
25) Isophorone	7.716	82	306916	44.656	ng		98
26) 2-Nitrophenol	7.792	139	97194	48.341	ng		98
27) 2,4-Dimethylphenol	7.828	122	158962	46.436	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	197722	46.336	ng		99
29) 2,4-Dichlorophenol	8.034	162	145123	45.937	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	167349	47.939	ng		100
31) Naphthalene	8.198	128	517855	47.134	ng		99
32) Benzoic acid	7.934	122	78092	40.507	ng		99
33) 4-Chloroaniline	8.245	127	40955	9.284	ng		98
34) Hexachlorobutadiene	8.316	225	106683	47.957	ng		99
35) Caprolactam	8.610	113	37720	44.232	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	134941	41.079	ng		99
37) 2-Methylnaphthalene	8.887	142	310769	44.689	ng		98
38) 1-Methylnaphthalene	8.986	142	317116	44.020	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	156552	53.999	ng		99
41) Hexachlorocyclopentadiene	9.045	237	181384	97.478	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	92721	49.406	ng		97

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	98113	48.404	ng		98
46) 1,1'-Biphenyl	9.351	154	412380	53.017	ng		99
47) 2-Chloronaphthalene	9.381	162	295348	51.540	ng		99
48) 2-Nitroaniline	9.475	65	77678	47.660	ng		98
49) Acenaphthylene	9.792	152	471286	48.776	ng		100
50) Dimethylphthalate	9.651	163	325646	48.683	ng		100
51) 2,6-Dinitrotoluene	9.716	165	68577	47.435	ng		97
52) Acenaphthene	9.969	154	298648	49.851	ng		99
53) 3-Nitroaniline	9.881	138	32399	20.662	ng		97
54) 2,4-Dinitrophenol	9.992	184	57284	72.336	ng		91
55) Dibenzofuran	10.139	168	400695	46.970	ng		98
56) 4-Nitrophenol	10.045	139	87707	82.470	ng		99
57) 2,4-Dinitrotoluene	10.122	165	84647	44.284	ng		99
58) Fluorene	10.481	166	300016	44.535	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	71139	41.717	ng		99
60) Diethylphthalate	10.351	149	303848	45.810	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	150223	45.661	ng		96
62) 4-Nitroaniline	10.498	138	57712	41.140	ng		99
63) Azobenzene	10.633	77	273484	47.211	ng		96
65) 4,6-Dinitro-2-methylph...	10.528	198	39163	46.373	ng		99
66) n-Nitrosodiphenylamine	10.592	169	252969	54.570	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	82670	51.932	ng		99
68) Hexachlorobenzene	11.033	284	87415	49.470	ng		97
69) Atrazine	11.116	200	71232	57.635	ng		100
70) Pentachlorophenol	11.228	266	87725	94.709	ng		98
71) Phenanthrene	11.445	178	362795	50.214	ng		99
72) Anthracene	11.498	178	368695	49.330	ng		99
73) Carbazole	11.651	167	317783	50.788	ng		100
74) Di-n-butylphthalate	11.980	149	382334	54.723	ng		100
75) Fluoranthene	12.639	202	365197	53.157	ng		99
77) Benzidine	12.757	184	176750	37.869	ng		99
78) Pyrene	12.869	202	378421	31.071	ng		99
80) Butylbenzylphthalate	13.480	149	165957	46.080	ng		98
81) Benzo(a)anthracene	14.057	228	417851	48.114	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	55861	19.946	ng		98
83) Chrysene	14.092	228	388048	48.395	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	249447	46.151	ng		100
85) Di-n-octyl phthalate	14.657	149	473028	45.616	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	381779	33.494	ng		99
88) Benzo(b)fluoranthene	15.121	252	478471	52.831	ng		99
89) Benzo(k)fluoranthene	15.157	252	415589	47.294	ng		99
90) Benzo(a)pyrene	15.504	252	424168	49.259	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	313868	33.724	ng		99
92) Benzo(g,h,i)perylene	17.533	276	278847	30.130	ng		99

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

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