Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142736.D
Acq On : 11 Jun 2025 15:50
Operator : RC/JU
Sample : Q2268-05MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-20250605MSD

Quant Time: Jun 11 16:36:53 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	58463	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	206678	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	103506	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	162996	20.000	ng		0.00
76) Chrysene-d12	14.069	240	132941	20.000	ng		0.00
86) Perylene-d12	15.563	264	159622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	191950	55.919	ng		0.00
7) Phenol-d6	6.522	99	171018	42.334	ng		0.00
23) Nitrobenzene-d5	7.457	82	299422	79.286	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	135616	119.547	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	634996	81.505	ng		0.00
79) Terphenyl-d14	13.004	244	574248	59.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	29373	21.622	ng		94
3) Pyridine	3.469	79	73497	21.577	ng		97
4) n-Nitrosodimethylamine	3.405	42	43599	25.017	ng		98
6) Aniline	6.551	93	110101	20.363	ng		97
8) 2-Chlorophenol	6.675	128	137072	36.540	ng		100
9) Benzaldehyde	6.446	77	112971	45.158	ng	#	1
10) Phenol	6.534	94	77804	17.327	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	140014	41.746	ng		100
12) 1,3-Dichlorobenzene	6.834	146	144468	33.746	ng		98
13) 1,4-Dichlorobenzene	6.910	146	151410	34.996	ng		99
14) 1,2-Dichlorobenzene	7.063	146	140010	33.760	ng		99
15) Benzyl Alcohol	7.034	79	95965	31.430	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	216361	40.973	ng		98
17) 2-Methylphenol	7.146	107	91152	31.696	ng	#	93
18) Hexachloroethane	7.428	117	149457	96.394	ng	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	105683	41.093	ng		99
20) 3+4-Methylphenols	7.298	107	100948	27.843	ng	#	61
22) Acetophenone	7.298	105	320733	69.764	ng	#	94
24) Nitrobenzene	7.475	77	164821	49.175	ng		95
25) Isophorone	7.716	82	278022	43.481	ng		98
26) 2-Nitrophenol	7.793	139	83640	44.714	ng		98
27) 2,4-Dimethylphenol	7.828	122	138371	43.448	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	174273	43.899	ng		99
29) 2,4-Dichlorophenol	8.034	162	122185	41.572	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	136801	42.122	ng		100
31) Naphthalene	8.204	128	1455072	142.354	ng		98
32) Benzoic acid	7.916	122	40025	22.316	ng	#	1
33) 4-Chloroaniline	8.245	127	72086	17.565	ng		97
34) Hexachlorobutadiene	8.316	225	83284	40.241	ng		100
35) Caprolactam	8.645	113	7595	9.573	ng	#	89
36) 4-Chloro-3-methylphenol	8.722	107	111607	36.519	ng		96
37) 2-Methylnaphthalene	8.892	142	500547	77.368	ng		99
38) 1-Methylnaphthalene	8.992	142	414215	61.803	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	142448	47.550	ng		99
41) Hexachlorocyclopentadiene	9.045	237	157179	81.747	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	90630	46.735	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	91792	43.825	ng		99
46) 1,1'-Biphenyl	9.351	154	383000	47.652	ng		100
47) 2-Chloronaphthalene	9.381	162	279708	47.237	ng		98
48) 2-Nitroaniline	9.475	65	76517	45.434	ng		100
49) Acenaphthylene	9.798	152	458958	45.968	ng		99
50) Dimethylphthalate	9.651	163	317587	45.948	ng		100
51) 2,6-Dinitrotoluene	9.716	165	67327	45.069	ng		93
52) Acenaphthene	9.969	154	306842	49.568	ng		99
53) 3-Nitroaniline	9.881	138	34800	21.478	ng		99
54) 2,4-Dinitrophenol	9.992	184	66227	80.932	ng		93
55) Dibenzofuran	10.139	168	407323	46.208	ng		99
56) 4-Nitrophenol	10.045	139	40099	36.489	ng		96
57) 2,4-Dinitrotoluene	10.122	165	89902	45.517	ng		98
58) Fluorene	10.481	166	317178	45.564	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	74616	42.345	ng	#	96
60) Diethylphthalate	10.351	149	319130	46.563	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	153191	45.062	ng		98
62) 4-Nitroaniline	10.498	138	55849	38.528	ng		98
63) Azobenzene	10.634	77	267765	44.733	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	44445	43.543	ng		97
66) n-Nitrosodiphenylamine	10.592	169	261960	46.755	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	89155	46.339	ng		97
68) Hexachlorobenzene	11.034	284	98739	46.233	ng		98
69) Atrazine	11.122	200	76777	51.399	ng		98
70) Pentachlorophenol	11.228	266	111153	99.288	ng		99
71) Phenanthrene	11.445	178	421808	48.304	ng		99
72) Anthracene	11.498	178	418256	46.301	ng		99
73) Carbazole	11.651	167	378361	50.032	ng		99
74) Di-n-butylphthalate	11.980	149	480202	56.867	ng		100
75) Fluoranthene	12.633	202	422658	50.901	ng		99
78) Pyrene	12.869	202	426496	34.522	ng		99
80) Butylbenzylphthalate	13.480	149	196200	53.705	ng		99
81) Benzo(a)anthracene	14.057	228	407334	46.238	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	73280	25.795	ng		99
83) Chrysene	14.092	228	382346	47.009	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	286992	52.345	ng		100
85) Di-n-octyl phthalate	14.657	149	503310	47.849	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	502146	42.451	ng		99
88) Benzo(b)fluoranthene	15.121	252	472787	50.303	ng		99
89) Benzo(k)fluoranthene	15.151	252	389405	42.701	ng		100
90) Benzo(a)pyrene	15.498	252	415470	46.492	ng		100
91) Dibenzo(a,h)anthracene	17.098	278	414794	42.946	ng		99
92) Benzo(g,h,i)perylene	17.539	276	389816	40.587	ng		99

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

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