Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143007.D
Acq On : 07 Jul 2025 14:17
Operator : RC/JU
Sample : Q2493-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-11MSD

Quant Time: Jul 07 14:37:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	64606	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	236179	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	121582	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	195379	20.000	ng		0.00
76) Chrysene-d12	14.057	240	121256	20.000	ng		0.00
86) Perylene-d12	15.551	264	136589	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	357865	92.223	ng		0.01
7) Phenol-d6	6.510	99	428961	93.698	ng		0.00
23) Nitrobenzene-d5	7.439	82	263155	61.116	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	123876	99.009	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	542376	58.603	ng		-0.01
79) Terphenyl-d14	12.992	244	506622	57.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	54616	35.189	ng		99
3) Pyridine	3.469	79	147585	37.930	ng		98
4) n-Nitrosodimethylamine	3.422	42	80661	40.088	ng		98
6) Aniline	6.539	93	178248	29.261	ng	#	87
8) 2-Chlorophenol	6.663	128	175190	41.853	ng		98
9) Benzaldehyde	6.428	77	122951	45.267	ng		100
10) Phenol	6.528	94	203759	40.040	ng		84
11) bis(2-Chloroethyl)ether	6.610	93	152443	41.913	ng		97
12) 1,3-Dichlorobenzene	6.816	146	195346	41.728	ng		100
13) 1,4-Dichlorobenzene	6.892	146	197100	41.731	ng		100
14) 1,2-Dichlorobenzene	7.045	146	186817	41.701	ng		99
15) Benzyl Alcohol	7.022	79	139879	42.264	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	224407	38.402	ng		74
17) 2-Methylphenol	7.134	107	129901	40.951	ng		97
18) Hexachloroethane	7.386	117	69049	41.796	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	112902	42.402	ng		98
20) 3+4-Methylphenols	7.286	107	167055	42.238	ng		93
22) Acetophenone	7.286	105	231299	44.411	ng		99
24) Nitrobenzene	7.457	77	168895	43.338	ng		99
25) Isophorone	7.698	82	299867	43.413	ng		99
26) 2-Nitrophenol	7.775	139	95184	44.835	ng		99
27) 2,4-Dimethylphenol	7.816	122	156379	42.525	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	190971	43.488	ng		99
29) 2,4-Dichlorophenol	8.022	162	144863	43.446	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	157204	42.876	ng		100
31) Naphthalene	8.181	128	493129	42.656	ng		99
32) Benzoic acid	7.939	122	78539	41.903	ng		98
33) 4-Chloroaniline	8.233	127	57503	12.233	ng		98
34) Hexachlorobutadiene	8.292	225	99883	44.537	ng		99
35) Caprolactam	8.604	113	42185	47.945	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	145424	43.885	ng		99
37) 2-Methylnaphthalene	8.875	142	310236	43.286	ng		99
38) 1-Methylnaphthalene	8.975	142	323024	43.538	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	158122	44.076	ng		100
41) Hexachlorocyclopentadiene	9.027	237	137672	67.625	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	98368	42.079	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	102235	41.545	ng	98
46) 1,1'-Biphenyl	9.339	154	422277	43.967	ng	100
47) 2-Chloronaphthalene	9.363	162	312713	43.388	ng	99
48) 2-Nitroaniline	9.463	65	87120	43.116	ng	95
49) Acenaphthylene	9.780	152	513656	43.292	ng	100
50) Dimethylphthalate	9.639	163	361051	45.877	ng	100
51) 2,6-Dinitrotoluene	9.704	165	78787	45.585	ng	98
52) Acenaphthene	9.951	154	344922m	47.648	ng	
53) 3-Nitroaniline	9.875	138	44472	23.371	ng	99
54) 2,4-Dinitrophenol	9.992	184	79158	91.469	ng	94
55) Dibenzofuran	10.127	168	447994	43.157	ng	99
56) 4-Nitrophenol	10.045	139	95299	73.153	ng	98
57) 2,4-Dinitrotoluene	10.110	165	105804	46.087	ng	97
58) Fluorene	10.469	166	352523	43.483	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	83547	42.119	ng	94
60) Diethylphthalate	10.339	149	366072	47.440	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	173673	44.893	ng	99
62) 4-Nitroaniline	10.492	138	77303	44.418	ng	98
63) Azobenzene	10.622	77	328329	47.607	ng	94
65) 4,6-Dinitro-2-methylph...	10.527	198	56463	47.778	ng	96
66) n-Nitrosodiphenylamine	10.580	169	304172	44.920	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	102759	46.213	ng	98
68) Hexachlorobenzene	11.022	284	111659	45.192	ng	96
69) Atrazine	11.104	200	94224	53.886	ng	99
70) Pentachlorophenol	11.216	266	93337	75.810	ng	99
71) Phenanthrene	11.433	178	466946	44.119	ng	99
72) Anthracene	11.486	178	483681	44.560	ng	99
73) Carbazole	11.639	167	423583	45.221	ng	100
74) Di-n-butylphthalate	11.963	149	538929	55.229	ng	100
75) Fluoranthene	12.627	202	457235	45.521	ng	99
77) Benzidine	12.745	184	201566	44.245	ng	99
78) Pyrene	12.857	202	458121	40.307	ng	99
80) Butylbenzylphthalate	13.468	149	186108	56.449	ng	96
81) Benzo(a)anthracene	14.045	228	369312	45.148	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	67741	25.531	ng	98
83) Chrysene	14.080	228	331148	45.368	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	250667	52.844	ng	99
85) Di-n-octyl phthalate	14.639	149	407697	45.580	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	413329	39.728	ng	98
88) Benzo(b)fluoranthene	15.109	252	386178	48.861	ng	99
89) Benzo(k)fluoranthene	15.139	252	320791	43.383	ng	100
90) Benzo(a)pyrene	15.492	252	351129	45.987	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	335241	39.658	ng	98
92) Benzo(g,h,i)perylene	17.533	276	326298	38.710	ng	98

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

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