Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143236.D
Acq On : 24 Jul 2025 16:28
Operator : RC/JU
Sample : Q2668-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Quant Time: Jul 24 16:57:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	108369	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	375786	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	165623	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	268298	20.000	ng		0.00
76) Chrysene-d12	14.127	240	264314	20.000	ng		0.00
86) Perylene-d12	15.627	264	215349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	584145	85.300	ng		0.01
7) Phenol-d6	6.587	99	726348	84.267	ng		0.00
23) Nitrobenzene-d5	7.516	82	474381	62.925	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	152488	89.123	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	756576	62.474	ng		0.00
79) Terphenyl-d14	13.063	244	752549	42.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	132034	40.747	ng		99
3) Pyridine	3.634	79	346590	41.209	ng		98
4) n-Nitrosodimethylamine	3.575	42	189017	43.529	ng		97
6) Aniline	6.622	93	224982	18.728	ng		99
8) 2-Chlorophenol	6.751	128	287426	40.041	ng		97
9) Benzaldehyde	6.510	77	196822	30.452	ng		98
10) Phenol	6.604	94	368421	39.235	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	289887	40.319	ng		99
12) 1,3-Dichlorobenzene	6.904	146	324105	41.563	ng		99
13) 1,4-Dichlorobenzene	6.981	146	325989	41.512	ng		99
14) 1,2-Dichlorobenzene	7.134	146	309143	41.390	ng		99
15) Benzyl Alcohol	7.098	79	262857	39.939	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	524414	39.319	ng		99
17) 2-Methylphenol	7.210	107	232149	38.463	ng		99
18) Hexachloroethane	7.481	117	111089	40.863	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	210283	38.025	ng		99
20) 3+4-Methylphenols	7.357	107	282311	38.552	ng	#	82
22) Acetophenone	7.363	105	384991	43.273	ng		95
24) Nitrobenzene	7.539	77	311133	44.267	ng		99
25) Isophorone	7.775	82	554492	41.665	ng		99
26) 2-Nitrophenol	7.857	139	139128	45.610	ng		99
27) 2,4-Dimethylphenol	7.886	122	250138	40.229	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	336109	42.123	ng		100
29) 2,4-Dichlorophenol	8.098	162	212655	40.555	ng		100
30) 1,2,4-Trichlorobenzene	8.181	180	244229	43.112	ng		99
31) Naphthalene	8.263	128	792037	42.797	ng		99
32) Benzoic acid	7.975	122	119506	35.617	ng		99
33) 4-Chloroaniline	8.304	127	96827	12.813	ng		99
34) Hexachlorobutadiene	8.386	225	154067	44.520	ng		99
35) Caprolactam	8.663	113	66107	41.720	ng		97
36) 4-Chloro-3-methylphenol	8.786	107	216656	38.014	ng		98
37) 2-Methylnaphthalene	8.957	142	459961	40.843	ng		98
38) 1-Methylnaphthalene	9.057	142	464080	40.018	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	221661	46.356	ng		100
41) Hexachlorocyclopentadiene	9.110	237	144706	46.509	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	138495	41.849	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	135948	41.067	ng		99
46) 1,1'-Biphenyl	9.416	154	603041	46.668	ng		100
47) 2-Chloronaphthalene	9.445	162	428588	44.826	ng		99
48) 2-Nitroaniline	9.528	65	141545	47.207	ng		97
49) Acenaphthylene	9.857	152	697856	43.553	ng		99
50) Dimethylphthalate	9.710	163	502059	46.505	ng		100
51) 2,6-Dinitrotoluene	9.769	165	101447	46.193	ng		98
52) Acenaphthene	10.033	154	411158	43.415	ng		99
53) 3-Nitroaniline	9.939	138	72056	28.051	ng		99
54) 2,4-Dinitrophenol	10.039	184	30629	34.872	ng	#	1
55) Dibenzofuran	10.204	168	596941	42.455	ng		100
56) 4-Nitrophenol	10.098	139	169914	88.579	ng		98
57) 2,4-Dinitrotoluene	10.175	165	131198	47.616	ng		93
58) Fluorene	10.545	166	448817	42.531	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	109812	40.046	ng		99
60) Diethylphthalate	10.410	149	484604	45.415	ng		100
61) 4-Chlorophenyl-phenyle...	10.533	204	222162	42.279	ng		96
62) 4-Nitroaniline	10.551	138	85324	38.756	ng		99
63) Azobenzene	10.698	77	519126	46.679	ng		91
65) 4,6-Dinitro-2-methylph...	10.580	198	27776	22.934	ng		97
66) n-Nitrosodiphenylamine	10.651	169	395656	41.879	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	133391	41.719	ng		99
68) Hexachlorobenzene	11.098	284	138227	41.361	ng		99
69) Atrazine	11.174	200	123908	47.573	ng		100
70) Pentachlorophenol	11.286	266	168317	85.643	ng		99
71) Phenanthrene	11.510	178	630770	44.278	ng		100
72) Anthracene	11.557	178	642897	44.249	ng		100
73) Carbazole	11.710	167	619465	48.828	ng		99
74) Di-n-butylphthalate	12.039	149	742569	51.729	ng		100
75) Fluoranthene	12.698	202	750836	57.422	ng		99
77) Benzidine	12.810	184	373003	36.629	ng		99
78) Pyrene	12.927	202	768472	34.067	ng		100
80) Butylbenzylphthalate	13.539	149	341948	49.504	ng		98
81) Benzo(a)anthracene	14.115	228	778239	43.979	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	146248	24.797	ng		99
83) Chrysene	14.151	228	696023	43.747	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	496301	47.469	ng		99
85) Di-n-octyl phthalate	14.715	149	884875	46.692	ng		100
87) Indeno(1,2,3-cd)pyrene	17.168	276	450467	29.665	ng		98
88) Benzo(b)fluoranthene	15.186	252	669775	50.911	ng		100
89) Benzo(k)fluoranthene	15.215	252	620547	52.859	ng		100
90) Benzo(a)pyrene	15.562	252	552142	45.552	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	366354	29.641	ng		99
92) Benzo(g,h,i)perylene	17.633	276	352110	29.451	ng		98

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

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