Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142742.D
Acq On : 11 Jun 2025 18:48
Operator : RC/JU
Sample : Q2273-05MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6MS

Quant Time: Jun 12 01:47:08 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	6.892	152	62672	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	221010	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	108424	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	162786	20.000	ng		0.00
76) Chrysene-d12	14.069	240	136296	20.000	ng		0.00
86) Perylene-d12	15.563	264	165945	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	285804	77.669	ng		0.01
7) Phenol-d6	6.522	99	327049	75.521	ng		0.00
23) Nitrobenzene-d5	7.451	82	199494	49.400	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	86313	72.635	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	419105	51.354	ng		0.00
79) Terphenyl-d14	13.004	244	377314	38.022	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	54086	37.140	ng		99
3) Pyridine	3.481	79	142435	39.008	ng		98
4) n-Nitrosodimethylamine	3.428	42	79433	42.517	ng		99
6) Aniline	6.551	93	154118	26.590	ng		95
8) 2-Chlorophenol	6.675	128	159431	39.646	ng		99
9) Benzaldehyde	6.440	77	79253	29.552	ng		98
10) Phenol	6.534	94	183411	38.103	ng		98
11) bis(2-Chloroethyl)ether	6.622	93	142787	39.714	ng		99
12) 1,3-Dichlorobenzene	6.834	146	183262	39.933	ng		98
13) 1,4-Dichlorobenzene	6.910	146	185047	39.898	ng		99
14) 1,2-Dichlorobenzene	7.063	146	177626	39.953	ng		99
15) Benzyl Alcohol	7.034	79	123568	37.752	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	217828	38.480	ng		98
17) 2-Methylphenol	7.145	107	114717	37.212	ng		98
18) Hexachloroethane	7.404	117	65421	39.360	ng		97
19) n-Nitroso-di-n-propyla...	7.298	70	102378	37.135	ng		97
20) 3+4-Methylphenols	7.298	107	146820	37.776	ng	#	89
22) Acetophenone	7.298	105	206354	41.974	ng		98
24) Nitrobenzene	7.475	77	152314	42.496	ng		99
25) Isophorone	7.710	82	267763	39.161	ng		99
26) 2-Nitrophenol	7.792	139	82307	41.148	ng		99
27) 2,4-Dimethylphenol	7.828	122	132432	38.886	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	168764	39.754	ng		100
29) 2,4-Dichlorophenol	8.034	162	125738	40.007	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	146537	42.194	ng		99
31) Naphthalene	8.198	128	450106	41.180	ng		100
32) Benzoic acid	7.928	122	64299	33.525	ng		100
33) 4-Chloroaniline	8.245	127	65805	14.994	ng		99
34) Hexachlorobutadiene	8.316	225	92621	41.851	ng		97
35) Caprolactam	8.604	113	32262	38.028	ng		92
36) 4-Chloro-3-methylphenol	8.728	107	118456	36.247	ng		99
37) 2-Methylnaphthalene	8.886	142	272782	39.429	ng		99
38) 1-Methylnaphthalene	8.986	142	282899	39.473	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	141723	45.162	ng		99
41) Hexachlorocyclopentadiene	9.039	237	161843	80.355	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	84637	41.665	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	88261	40.228	ng	98
46) 1,1'-Biphenyl	9.351	154	363690	43.197	ng	100
47) 2-Chloronaphthalene	9.381	162	268444	43.278	ng	98
48) 2-Nitroaniline	9.475	65	70477	39.949	ng	98
49) Acenaphthylene	9.792	152	433966	41.494	ng	100
50) Dimethylphthalate	9.651	163	291147	40.212	ng	99
51) 2,6-Dinitrotoluene	9.716	165	62302	39.814	ng	97
52) Acenaphthene	9.969	154	282470	43.561	ng	99
53) 3-Nitroaniline	9.881	138	36756	21.656	ng	96
54) 2,4-Dinitrophenol	9.992	184	55277	64.487	ng	92
55) Dibenzofuran	10.139	168	380599	41.218	ng	99
56) 4-Nitrophenol	10.045	139	90089	78.260	ng	98
57) 2,4-Dinitrotoluene	10.122	165	83276	40.250	ng	99
58) Fluorene	10.480	166	294954	40.450	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	71136	38.539	ng	99
60) Diethylphthalate	10.351	149	291436	40.593	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	142355	39.975	ng	98
62) 4-Nitroaniline	10.498	138	57938	38.156	ng	98
63) Azobenzene	10.633	77	276108	44.035	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	39271	38.524	ng	97
66) n-Nitrosodiphenylamine	10.592	169	243650	43.544	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	84055	43.744	ng	98
68) Hexachlorobenzene	11.033	284	91763	43.022	ng	98
69) Atrazine	11.116	200	75744	50.773	ng	99
70) Pentachlorophenol	11.227	266	94767	84.760	ng	99
71) Phenanthrene	11.445	178	382461	43.855	ng	99
72) Anthracene	11.498	178	393121	43.575	ng	100
73) Carbazole	11.651	167	342152	45.302	ng	99
74) Di-n-butylphthalate	11.980	149	435978	51.696	ng	100
75) Fluoranthene	12.639	202	392848	47.372	ng	99
77) Benzidine	12.757	184	150740	31.055	ng	99
78) Pyrene	12.869	202	401902	31.731	ng	99
80) Butylbenzylphthalate	13.480	149	176877	47.224	ng	100
81) Benzo(a)anthracene	14.057	228	378027	41.855	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	77895	26.745	ng	99
83) Chrysene	14.092	228	365718	43.857	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	261864	46.586	ng	100
85) Di-n-octyl phthalate	14.657	149	459994	42.654	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	470160	38.233	ng	100
88) Benzo(b)fluoranthene	15.121	252	439093	44.938	ng	100
89) Benzo(k)fluoranthene	15.157	252	386705	40.789	ng	99
90) Benzo(a)pyrene	15.498	252	409255	44.052	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	384503	38.293	ng	99
92) Benzo(g,h,i)perylene	17.539	276	361699	36.224	ng	100

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

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