Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
Data File : BF142321.D
Acq On : 12 May 2025 15:42
Operator : RC/JU
Sample : Q1964-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-LLMSD

Quant Time: May 12 16:03:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	215351	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	822738	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	428474	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	665779	20.000	ng	0.00
76) Chrysene-d12	14.069	240	388637	20.000	ng	0.00
86) Perylene-d12	15.557	264	455097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1480551	117.363	ng	0.02
7) Phenol-d6	6.528	99	1770121	114.086	ng	0.00
23) Nitrobenzene-d5	7.469	82	1117695	82.851	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	538750	130.232	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2242851	74.638	ng	0.00
79) Terphenyl-d14	13.016	244	1837257	69.971	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	185573	32.666	ng	# 83
3) Pyridine	3.557	79	423377	31.743	ng	98
4) n-Nitrosodimethylamine	3.505	42	287496	37.088	ng	95
6) Aniline	6.575	93	315577	20.736	ng	99
8) 2-Chlorophenol	6.693	128	585101	43.403	ng	97
9) Benzaldehyde	6.457	77	116053	12.780	ng	100
10) Phenol	6.545	94	673492	40.950	ng	99
11) bis(2-Chloroethyl)ether	6.640	93	561392	34.613	ng	98
12) 1,3-Dichlorobenzene	6.845	146	556493	36.083	ng	99
13) 1,4-Dichlorobenzene	6.922	146	567743	36.664	ng	99
14) 1,2-Dichlorobenzene	7.075	146	559373	37.634	ng	99
15) Benzyl Alcohol	7.045	79	452361	45.025	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	932227	38.490	ng	99
17) 2-Methylphenol	7.151	107	467638	42.847	ng	100
18) Hexachloroethane	7.422	117	188633	36.612	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	392392	40.885	ng	99
20) 3+4-Methylphenols	7.304	107	581497	42.691	ng	95
22) Acetophenone	7.310	105	741936	40.558	ng	94
24) Nitrobenzene	7.487	77	565096	44.438	ng	98
25) Isophorone	7.722	82	1080543	42.298	ng	99
26) 2-Nitrophenol	7.798	139	259241	42.781	ng	98
27) 2,4-Dimethylphenol	7.834	122	555676	43.264	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	686449	41.789	ng	100
29) 2,4-Dichlorophenol	8.040	162	497162	45.530	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	502274	40.872	ng	98
31) Naphthalene	8.210	128	1613909	40.475	ng	100
32) Benzoic acid	7.939	122	278552m	42.128	ng	
33) 4-Chloroaniline	8.281	127	77178	4.743	ng	98
34) Hexachlorobutadiene	8.328	225	295311	40.582	ng	99
35) Caprolactam	8.616	113	119025m	37.401	ng	
36) 4-Chloro-3-methylphenol	8.734	107	505656	44.548	ng	98
37) 2-Methylnaphthalene	8.898	142	1035817	41.805	ng	99
38) 1-Methylnaphthalene	8.998	142	1076807	41.697	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	505639	42.253	ng	99
41) Hexachlorocyclopentadiene	9.051	237	580308	78.464	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	350152	46.388	ng	99

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44) 2,4,5-Trichlorophenol	9.216	196	376486	46.876	ng		98
46) 1,1'-Biphenyl	9.363	154	1412700	43.001	ng		99
47) 2-Chloronaphthalene	9.386	162	1044684	42.759	ng		99
48) 2-Nitroaniline	9.481	65	297966	47.580	ng		93
49) Acenaphthylene	9.804	152	1756558	42.978	ng		100
50) Dimethylphthalate	9.663	163	1305523	47.450	ng		100
51) 2,6-Dinitrotoluene	9.722	165	260156	50.516	ng		95
52) Acenaphthene	9.975	154	1122595	45.680	ng		100
53) 3-Nitroaniline	9.892	138	134027	22.190	ng		96
54) 2,4-Dinitrophenol	9.998	184	214964	79.805	ng	#	1
55) Dibenzofuran	10.151	168	1539122	42.437	ng		100
56) 4-Nitrophenol	10.045	139	368025	80.959	ng		97
57) 2,4-Dinitrotoluene	10.128	165	333083	50.421	ng		99
58) Fluorene	10.492	166	1147354	41.453	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	308514	46.532	ng		98
60) Diethylphthalate	10.363	149	1212985	44.146	ng		100
61) 4-Chlorophenyl-phenyle...	10.481	204	573931	42.979	ng		99
62) 4-Nitroaniline	10.504	138	235350	49.163	ng		98
63) Azobenzene	10.645	77	1116491	42.523	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	132832	43.579	ng		97
66) n-Nitrosodiphenylamine	10.604	169	1033849	46.665	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	356681	47.271	ng		97
68) Hexachlorobenzene	11.039	284	394711	47.556	ng		96
69) Atrazine	11.128	200	281453	48.194	ng		99
70) Pentachlorophenol	11.228	266	414029	94.823	ng		97
71) Phenanthrene	11.457	178	1520920	43.581	ng		100
72) Anthracene	11.504	178	1543032	43.032	ng		100
73) Carbazole	11.657	167	1322306	41.103	ng		100
74) Di-n-butylphthalate	11.986	149	1632425	48.256	ng		100
75) Fluoranthene	12.639	202	1366853	39.181	ng		100
77) Benzidine	12.763	184	226719	32.101	ng		99
78) Pyrene	12.869	202	1355153	39.175	ng		100
80) Butylbenzylphthalate	13.486	149	475470	47.167	ng		97
81) Benzo(a)anthracene	14.057	228	1113397	44.238	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	192626	32.911	ng		98
83) Chrysene	14.092	228	1074262	45.850	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	638763	48.536	ng		99
85) Di-n-octyl phthalate	14.663	149	1079798	45.954	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	1199945	37.903	ng		100
88) Benzo(b)fluoranthene	15.121	252	1189417	43.152	ng		99
89) Benzo(k)fluoranthene	15.151	252	1197943	47.492	ng		100
90) Benzo(a)pyrene	15.498	252	1152037	46.642	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	954032	36.477	ng		99
92) Benzo(g,h,i)perylene	17.521	276	948316	36.532	ng		99

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

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