Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
Data File : BF142356.D
Acq On : 13 May 2025 21:01
Operator : RC/JU
Sample : Q2004-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-220MS

Quant Time: May 14 00:57:52 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	237831	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	908406	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	476704	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	724108	20.000	ng		0.00
76) Chrysene-d12	14.068	240	432209	20.000	ng		0.00
86) Perylene-d12	15.557	264	486943	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1490530	106.986	ng		0.02
7) Phenol-d6	6.528	99	1762767	102.873	ng		0.00
23) Nitrobenzene-d5	7.469	82	1196610	80.336	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	607919	132.085	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2464993	73.731	ng		0.00
79) Terphenyl-d14	13.016	244	1994450	68.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	188234	30.003	ng	#	82
3) Pyridine	3.587	79	422335	28.672	ng		96
4) n-Nitrosodimethylamine	3.534	42	297366	34.735	ng		93
6) Aniline	6.575	93	353923	21.058	ng		98
8) 2-Chlorophenol	6.692	128	604300	40.590	ng		97
9) Benzaldehyde	6.457	77	222487	22.185	ng		99
10) Phenol	6.545	94	663576	36.533	ng		98
11) bis(2-Chloroethyl)ether	6.640	93	604644	33.756	ng		100
12) 1,3-Dichlorobenzene	6.845	146	574925	33.754	ng		99
13) 1,4-Dichlorobenzene	6.922	146	586320	34.285	ng		100
14) 1,2-Dichlorobenzene	7.075	146	574759	35.014	ng		100
15) Benzyl Alcohol	7.045	79	496345	44.733	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	982649	36.737	ng		99
17) 2-Methylphenol	7.151	107	488339	40.515	ng		99
18) Hexachloroethane	7.416	117	202088	35.516	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	425368	40.132	ng		98
20) 3+4-Methylphenols	7.304	107	600967	39.950	ng		93
22) Acetophenone	7.310	105	790475	39.136	ng	#	95
24) Nitrobenzene	7.487	77	599486	42.697	ng		97
25) Isophorone	7.722	82	1169795	41.473	ng		100
26) 2-Nitrophenol	7.798	139	311935	46.255	ng		99
27) 2,4-Dimethylphenol	7.834	122	618172	43.591	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	740876	40.849	ng		99
29) 2,4-Dichlorophenol	8.039	162	536401	44.491	ng		100
30) 1,2,4-Trichlorobenzene	8.128	180	539066	39.729	ng		99
31) Naphthalene	8.210	128	1726569	39.216	ng		100
32) Benzoic acid	7.934	122	265071	37.646	ng		97
33) 4-Chloroaniline	8.339	127	84062m	4.679	ng		
34) Hexachlorobutadiene	8.328	225	316168	39.351	ng		99
35) Caprolactam	8.622	113	137306m	39.076	ng		
36) 4-Chloro-3-methylphenol	8.733	107	545587	43.533	ng		100
37) 2-Methylnaphthalene	8.898	142	1115738	40.784	ng		98
38) 1-Methylnaphthalene	8.998	142	1177971	41.313	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	554175	41.624	ng		99
41) Hexachlorocyclopentadiene	9.051	237	639137	77.676	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	394118	46.930	ng		99

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44) 2,4,5-Trichlorophenol	9.216	196	414434	46.381	ng		99
46) 1,1'-Biphenyl	9.363	154	1550521	42.421	ng		100
47) 2-Chloronaphthalene	9.386	162	1132564	41.666	ng		99
48) 2-Nitroaniline	9.480	65	341699	49.043	ng		95
49) Acenaphthylene	9.804	152	1909585	41.995	ng		100
50) Dimethylphthalate	9.663	163	1428314	46.661	ng		99
51) 2,6-Dinitrotoluene	9.728	165	299944	52.349	ng		91
52) Acenaphthene	9.980	154	1242352	45.438	ng		99
53) 3-Nitroaniline	9.892	138	131846	19.620	ng		96
54) 2,4-Dinitrophenol	9.998	184	269233	88.876	ng	#	1
55) Dibenzofuran	10.151	168	1676070	41.537	ng		99
56) 4-Nitrophenol	10.051	139	419580	82.962	ng		96
57) 2,4-Dinitrotoluene	10.128	165	389854	53.044	ng		98
58) Fluorene	10.492	166	1255711	40.778	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	343544	46.574	ng		98
60) Diethylphthalate	10.363	149	1393743	45.593	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	633205	42.620	ng		99
62) 4-Nitroaniline	10.510	138	254213	47.731	ng		99
63) Azobenzene	10.645	77	1211501	41.473	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	170085	50.032	ng		99
66) n-Nitrosodiphenylamine	10.604	169	1123688	46.635	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	399803	48.717	ng		97
68) Hexachlorobenzene	11.039	284	425289	47.113	ng		97
69) Atrazine	11.127	200	250284	39.405	ng		100
70) Pentachlorophenol	11.233	266	457431	96.324	ng		98
71) Phenanthrene	11.457	178	1651859	43.520	ng		100
72) Anthracene	11.510	178	1682803	43.149	ng		100
73) Carbazole	11.657	167	1444427	41.282	ng		100
74) Di-n-butylphthalate	11.992	149	1983281	53.905	ng		100
75) Fluoranthene	12.639	202	1483881	39.110	ng		100
77) Benzidine	12.769	184	75933	9.668	ng		97
78) Pyrene	12.869	202	1467649	38.150	ng		100
80) Butylbenzylphthalate	13.486	149	615422	54.296	ng		99
81) Benzo(a)anthracene	14.057	228	1291069	46.125	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	185225	28.456	ng		100
83) Chrysene	14.098	228	1122657	43.085	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	837388	56.456	ng		100
85) Di-n-octyl phthalate	14.663	149	1440225	53.551	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1242291	36.675	ng		100
88) Benzo(b)fluoranthene	15.121	252	1412453	47.893	ng		99
89) Benzo(k)fluoranthene	15.151	252	1145146	42.430	ng		99
90) Benzo(a)pyrene	15.498	252	1234436	46.709	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1034609	36.971	ng		99
92) Benzo(g,h,i)perylene	17.521	276	918172	33.058	ng		99

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

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