Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142401.D
Acq On : 15 May 2025 19:38
Operator : RC/JU
Sample : Q2022-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2MS

Quant Time: May 16 01:08:09 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	165246	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	632531	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	347238	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	607066	20.000	ng		0.00
76) Chrysene-d12	14.069	240	356657	20.000	ng		0.00
86) Perylene-d12	15.557	264	373579	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	721100	74.493	ng		0.00
7) Phenol-d6	6.522	99	920549	77.320	ng		0.00
23) Nitrobenzene-d5	7.463	82	525370	50.655	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	310696	92.675	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1080793	44.381	ng		0.00
79) Terphenyl-d14	13.010	244	1002228	41.592	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	162648	37.312	ng		98
3) Pyridine	3.499	79	435011	42.505	ng		96
4) n-Nitrosodimethylamine	3.452	42	245213	41.225	ng		96
6) Aniline	6.563	93	564815	48.367	ng		100
8) 2-Chlorophenol	6.687	128	477045	46.117	ng		97
9) Benzaldehyde	6.451	77	291713	41.864	ng		99
10) Phenol	6.540	94	597185	47.320	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	439666	35.328	ng		97
12) 1,3-Dichlorobenzene	6.846	146	500572	42.298	ng		97
13) 1,4-Dichlorobenzene	6.922	146	513792	43.240	ng		98
14) 1,2-Dichlorobenzene	7.069	146	488324	42.816	ng		100
15) Benzyl Alcohol	7.040	79	390664	50.674	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	739393	39.785	ng		99
17) 2-Methylphenol	7.151	107	371624	44.375	ng		99
18) Hexachloroethane	7.416	117	176209	44.571	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	307960	41.817	ng		99
20) 3+4-Methylphenols	7.304	107	461372	44.142	ng	#	85
22) Acetophenone	7.310	105	598014	42.521	ng		98
24) Nitrobenzene	7.481	77	468426	47.913	ng		98
25) Isophorone	7.722	82	862409	43.911	ng		100
26) 2-Nitrophenol	7.798	139	256139	53.814	ng		98
27) 2,4-Dimethylphenol	7.834	122	448694	45.440	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	537620	42.571	ng		100
29) 2,4-Dichlorophenol	8.040	162	402960	48.000	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	423966	44.874	ng		99
31) Naphthalene	8.210	128	1352374	44.114	ng		100
32) Benzoic acid	7.951	122	300669	54.560	ng		99
33) 4-Chloroaniline	8.251	127	179044m	14.313	ng		
34) Hexachlorobutadiene	8.322	225	254513	45.493	ng		99
35) Caprolactam	8.622	113	136147m	55.646	ng		
36) 4-Chloro-3-methylphenol	8.734	107	413483	47.381	ng		98
37) 2-Methylnaphthalene	8.898	142	843334	44.272	ng		99
38) 1-Methylnaphthalene	8.998	142	872272	43.934	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	419738	43.281	ng		99
41) Hexachlorocyclopentadiene	9.051	237	506446	84.498	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	302060	49.379	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	314709	48.352	ng		99
46) 1,1'-Biphenyl	9.363	154	1139464	42.798	ng		99
47) 2-Chloronaphthalene	9.387	162	852339	43.048	ng		99
48) 2-Nitroaniline	9.481	65	272438	53.681	ng		93
49) Acenaphthylene	9.804	152	1460909	44.106	ng		99
50) Dimethylphthalate	9.663	163	1037732	46.541	ng		100
51) 2,6-Dinitrotoluene	9.722	165	229534	54.997	ng		91
52) Acenaphthene	9.975	154	975532	48.983	ng		99
53) 3-Nitroaniline	9.892	138	164243	33.554	ng		95
54) 2,4-Dinitrophenol	9.998	184	265588	117.647	ng	#	1
55) Dibenzofuran	10.145	168	1286371	43.765	ng		99
56) 4-Nitrophenol	10.051	139	411527	111.707	ng		95
57) 2,4-Dinitrotoluene	10.128	165	319176	59.619	ng		94
58) Fluorene	10.492	166	982448	43.799	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	275507	51.276	ng		98
60) Diethylphthalate	10.363	149	1037518	46.594	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	479190	44.280	ng		99
62) 4-Nitroaniline	10.510	138	254767	65.670	ng		99
63) Azobenzene	10.639	77	1007947	47.370	ng		98
65) 4,6-Dinitro-2-methylph...	10.534	198	167642	57.558	ng		94
66) n-Nitrosodiphenylamine	10.598	169	909331	45.015	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	313100	45.508	ng		99
68) Hexachlorobenzene	11.034	284	344668	45.543	ng		98
69) Atrazine	11.128	200	288060	54.096	ng		99
70) Pentachlorophenol	11.228	266	408553	102.619	ng		97
71) Phenanthrene	11.451	178	1424367	44.762	ng		100
72) Anthracene	11.504	178	1408000	43.063	ng		100
73) Carbazole	11.657	167	1287636	43.896	ng		100
74) Di-n-butylphthalate	11.986	149	1597989	51.807	ng		100
75) Fluoranthene	12.639	202	1342667	42.210	ng		99
77) Benzidine	12.763	184	610864	94.248	ng		98
78) Pyrene	12.869	202	1325409	41.751	ng		100
80) Butylbenzylphthalate	13.486	149	533063	56.811	ng		99
81) Benzo(a)anthracene	14.057	228	1040847	45.063	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	235443	43.833	ng		99
83) Chrysene	14.092	228	985108	45.814	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	737052	59.935	ng		100
85) Di-n-octyl phthalate	14.657	149	1190867	53.644	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.063	276	840130	32.328	ng		99
88) Benzo(b)fluoranthene	15.116	252	1078461	47.664	ng		99
89) Benzo(k)fluoranthene	15.151	252	986697	47.653	ng		100
90) Benzo(a)pyrene	15.492	252	968975	47.791	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	684859	31.899	ng		99
92) Benzo(g,h,i)perylene	17.515	276	632118	29.665	ng		98

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

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