Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142679.D
Acq On : 07 Jun 2025 09:00
Operator : RC/JU
Sample : Q2244-01MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP03-MHCMS

Quant Time: Jun 09 01:03:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	135246	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	476769	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	208406	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	300849	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	270140	20.000	ng	0.00
86) Perylene-d12	15.563	264	203560	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	712265	88.727	ng	0.00
7) Phenol-d6	6.528	99	871663	90.203	ng	0.00
23) Nitrobenzene-d5	7.457	82	513680	58.750	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	186528	80.642	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	937531	60.365	ng	-0.02
79) Terphenyl-d14	13.010	244	818481	41.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	112747	35.098	ng	97
3) Pyridine	3.487	79	306932	37.521	ng	98
4) n-Nitrosodimethylamine	3.446	42	163572	38.511	ng	89
6) Aniline	6.557	93	425366	32.737	ng	97
8) 2-Chlorophenol	6.681	128	352400	40.303	ng	100
9) Benzaldehyde	6.445	77	184218	31.695	ng	100
10) Phenol	6.540	94	425376	39.121	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	319578	40.830	ng	100
12) 1,3-Dichlorobenzene	6.834	146	382065	39.159	ng	99
13) 1,4-Dichlorobenzene	6.910	146	381945	38.862	ng	99
14) 1,2-Dichlorobenzene	7.063	146	368246	39.157	ng	99
15) Benzyl Alcohol	7.034	79	276587	38.731	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	514477	39.141	ng	97
17) 2-Methylphenol	7.151	107	262362	38.432	ng	98
18) Hexachloroethane	7.410	117	130472	38.018	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	221075	36.914	ng	97
20) 3+4-Methylphenols	7.298	107	316236	36.174	ng	98
22) Acetophenone	7.304	105	433298	41.055	ng	98
24) Nitrobenzene	7.481	77	328304	41.632	ng	99
25) Isophorone	7.716	82	595422	40.731	ng	99
26) 2-Nitrophenol	7.792	139	181984	43.189	ng	97
27) 2,4-Dimethylphenol	7.834	122	307364	41.363	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	379721	41.582	ng	99
29) 2,4-Dichlorophenol	8.039	162	269464	39.875	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	298075	40.643	ng	99
31) Naphthalene	8.204	128	941152	40.090	ng	100
32) Benzoic acid	7.945	122	175761	38.857	ng	94
33) 4-Chloroaniline	8.251	127	239847	25.214	ng	97
34) Hexachlorobutadiene	8.316	225	184339	40.255	ng	98
35) Caprolactam	8.616	113	77580	40.876	ng	98
36) 4-Chloro-3-methylphenol	8.728	107	244942	35.368	ng	98
37) 2-Methylnaphthalene	8.892	142	549872	37.231	ng	99
38) 1-Methylnaphthalene	8.992	142	560250	36.673	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	274872	45.946	ng	100
41) Hexachlorocyclopentadiene	9.045	237	207096	51.316	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	175591	43.527	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	170363	40.043	ng	99
46) 1,1'-Biphenyl	9.357	154	719425	44.495	ng	99
47) 2-Chloronaphthalene	9.381	162	513618	42.995	ng	99
48) 2-Nitroaniline	9.475	65	145485	42.134	ng	100
49) Acenaphthylene	9.798	152	820902	40.696	ng	100
50) Dimethylphthalate	9.657	163	610106	44.367	ng	100
51) 2,6-Dinitrotoluene	9.716	165	125500	42.285	ng	98
52) Acenaphthene	9.969	154	513271	41.671	ng	99
53) 3-Nitroaniline	9.886	138	105187	32.448	ng	99
54) 2,4-Dinitrophenol	9.992	184	92144	60.093	ng	95
55) Dibenzofuran	10.145	168	694950	39.208	ng	97
56) 4-Nitrophenol	10.045	139	178960	74.819	ng	98
57) 2,4-Dinitrotoluene	10.122	165	154414	39.838	ng	98
58) Fluorene	10.486	166	515101	37.617	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	128137	36.077	ng	98
60) Diethylphthalate	10.351	149	548843	40.866	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	257782	38.322	ng	97
62) 4-Nitroaniline	10.498	138	106368	36.179	ng	97
63) Azobenzene	10.633	77	490335	40.649	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	60393	35.970	ng	97
66) n-Nitrosodiphenylamine	10.592	169	449005	43.624	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	149040	41.897	ng	96
68) Hexachlorobenzene	11.033	284	159561	40.554	ng	99
69) Atrazine	11.122	200	131903	48.255	ng	98
70) Pentachlorophenol	11.227	266	186798	84.092	ng	99
71) Phenanthrene	11.451	178	662184	41.186	ng	100
72) Anthracene	11.498	178	682581	41.598	ng	100
73) Carbazole	11.657	167	630726	44.963	ng	99
74) Di-n-butylphthalate	11.980	149	752227	48.990	ng	99
75) Fluoranthene	12.639	202	745161	49.601	ng	99
77) Benzidine	12.763	184	436564	43.427	ng	100
78) Pyrene	12.869	202	770376	30.570	ng	100
80) Butylbenzylphthalate	13.486	149	334621	48.055	ng	96
81) Benzo(a)anthracene	14.057	228	734156	40.699	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	236933	43.305	ng	99
83) Chrysene	14.098	228	693493	42.785	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494860	55.515	ng	99
85) Di-n-octyl phthalate	14.657	149	833442	47.818	ng	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	487087	31.873	ng	99
88) Benzo(b)fluoranthene	15.121	252	613377	50.913	ng	98
89) Benzo(k)fluoranthene	15.151	252	485407	43.017	ng	98
90) Benzo(a)pyrene	15.498	252	485432	42.746	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	399783	32.255	ng	99
92) Benzo(g,h,i)perylene	17.533	276	381424	30.767	ng	98

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

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