Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142921.D
Acq On : 30 Jun 2025 18:13
Operator : RC/JU
Sample : Q2430-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Quant Time: Jun 30 18:45:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	63433	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	239823	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	122332	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	205148	20.000	ng		0.00
76) Chrysene-d12	14.051	240	122398	20.000	ng		0.00
86) Perylene-d12	15.539	264	140375	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	342787	89.971	ng		0.00
7) Phenol-d6	6.504	99	406100	90.345	ng		0.00
23) Nitrobenzene-d5	7.439	82	249355	57.031	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	118585	94.199	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	535062	57.458	ng		-0.01
79) Terphenyl-d14	12.992	244	477679	53.923	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	58802	38.587	ng		99
3) Pyridine	3.446	79	151626	39.689	ng		99
4) n-Nitrosodimethylamine	3.399	42	83581	42.307	ng		100
6) Aniline	6.534	93	128671	21.513	ng	#	79
8) 2-Chlorophenol	6.657	128	179061	43.569	ng		97
9) Benzaldehyde	6.422	77	76599	28.723	ng		99
10) Phenol	6.522	94	207385	41.506	ng		95
11) bis(2-Chloroethyl)ether	6.604	93	155158	43.448	ng		99
12) 1,3-Dichlorobenzene	6.816	146	199622	43.430	ng		99
13) 1,4-Dichlorobenzene	6.892	146	203262	43.831	ng		99
14) 1,2-Dichlorobenzene	7.045	146	190588	43.330	ng		99
15) Benzyl Alcohol	7.016	79	142684	43.908	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	233207	40.646	ng		91
17) 2-Methylphenol	7.128	107	132266	42.468	ng		99
18) Hexachloroethane	7.387	117	71440	44.043	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	114033	43.619	ng		97
20) 3+4-Methylphenols	7.281	107	171195	44.085	ng		91
22) Acetophenone	7.281	105	234000	44.247	ng		98
24) Nitrobenzene	7.457	77	171083	43.232	ng		98
25) Isophorone	7.698	82	303572	43.282	ng		98
26) 2-Nitrophenol	7.775	139	97148	45.065	ng		99
27) 2,4-Dimethylphenol	7.810	122	157482	42.174	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	194151	43.541	ng		100
29) 2,4-Dichlorophenol	8.016	162	146774	43.350	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	160684	43.159	ng		100
31) Naphthalene	8.181	128	510282	43.469	ng		100
32) Benzoic acid	7.922	122	64680	33.985	ng		95
33) 4-Chloroaniline	8.228	127	53156	11.136	ng		99
34) Hexachlorobutadiene	8.292	225	100314	44.049	ng		98
35) Caprolactam	8.598	113	41394	46.332	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	144971	43.083	ng		99
37) 2-Methylnaphthalene	8.875	142	317831	43.672	ng		100
38) 1-Methylnaphthalene	8.969	142	330475	43.866	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	162030	44.888	ng		99
41) Hexachlorocyclopentadiene	9.028	237	166489	81.278	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	103812	44.136	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108426	43.791	ng	99
46) 1,1'-Biphenyl	9.333	154	433812	44.892	ng	100
47) 2-Chloronaphthalene	9.363	162	320845	44.243	ng	100
48) 2-Nitroaniline	9.457	65	91080	44.799	ng	99
49) Acenaphthylene	9.780	152	531142	44.492	ng	99
50) Dimethylphthalate	9.639	163	362507	45.779	ng	100
51) 2,6-Dinitrotoluene	9.704	165	80687	46.399	ng	95
52) Acenaphthene	9.951	154	338300m	46.446	ng	
53) 3-Nitroaniline	9.869	138	38459	20.087	ng	99
54) 2,4-Dinitrophenol	9.980	184	55373	63.592	ng	97
55) Dibenzofuran	10.122	168	460894	44.128	ng	100
56) 4-Nitrophenol	10.039	139	112803	86.058	ng	97
57) 2,4-Dinitrotoluene	10.110	165	109167	47.260	ng	97
58) Fluorene	10.469	166	367492	45.052	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87179	43.681	ng	97
60) Diethylphthalate	10.333	149	370817	47.761	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	175973	45.209	ng	99
62) 4-Nitroaniline	10.486	138	75311	43.008	ng	97
63) Azobenzene	10.616	77	326996	47.123	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	47648	38.399	ng	95
66) n-Nitrosodiphenylamine	10.575	169	315172	44.328	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	106824	45.753	ng	96
68) Hexachlorobenzene	11.016	284	116020	44.721	ng	99
69) Atrazine	11.104	200	96238	52.417	ng	99
70) Pentachlorophenol	11.210	266	105164	81.349	ng	100
71) Phenanthrene	11.433	178	497964	44.810	ng	99
72) Anthracene	11.480	178	502557	44.095	ng	100
73) Carbazole	11.639	167	435876	44.317	ng	99
74) Di-n-butylphthalate	11.963	149	557570	54.418	ng	100
75) Fluoranthene	12.621	202	468138	44.387	ng	99
77) Benzidine	12.739	184	73574	15.999	ng	100
78) Pyrene	12.851	202	483138	42.111	ng	100
80) Butylbenzylphthalate	13.463	149	181899	54.658	ng	98
81) Benzo(a)anthracene	14.039	228	358192	43.380	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	25286	9.441	ng	98
83) Chrysene	14.074	228	333013	45.198	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	245172	51.203	ng	99
85) Di-n-octyl phthalate	14.639	149	394089	43.648	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	432908	40.488	ng	99
88) Benzo(b)fluoranthene	15.104	252	349430	43.019	ng	100
89) Benzo(k)fluoranthene	15.133	252	358787	47.212	ng	100
90) Benzo(a)pyrene	15.480	252	353848	45.093	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	353869	40.733	ng	99
92) Benzo(g,h,i)perylene	17.515	276	344992	39.824	ng	98

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

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