Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
Data File : BF142808.D
Acq On : 23 Jun 2025 16:12
Operator : RC/JU
Sample : Q2389-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-J-IMS

Quant Time: Jun 24 06:42:25 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	6.881	152	70781	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	264201	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	135537	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	225442	20.000	ng	0.00
76) Chrysene-d12	14.057	240	139103	20.000	ng	0.00
86) Perylene-d12	15.545	264	166253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	268191	63.084	ng	0.00
7) Phenol-d6	6.504	99	320282	63.856	ng	0.00
23) Nitrobenzene-d5	7.440	82	188258	39.084	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	94217	67.550	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	403933	39.151	ng	0.00
79) Terphenyl-d14	12.992	244	359958	35.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	65369	38.443	ng	98
3) Pyridine	3.428	79	170718	40.047	ng	99
4) n-Nitrosodimethylamine	3.381	42	96914	43.964	ng	99
6) Aniline	6.540	93	206972	31.012	ng	97
8) 2-Chlorophenol	6.663	128	208537	45.473	ng	98
9) Benzaldehyde	6.428	77	127529	42.857	ng	99
10) Phenol	6.522	94	248130	44.505	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	181475	45.542	ng	100
12) 1,3-Dichlorobenzene	6.822	146	227225	44.303	ng	99
13) 1,4-Dichlorobenzene	6.898	146	228681	44.193	ng	99
14) 1,2-Dichlorobenzene	7.051	146	219797	44.783	ng	100
15) Benzyl Alcohol	7.022	79	167448	46.180	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	280220	43.770	ng	97
17) 2-Methylphenol	7.134	107	157903	45.436	ng	99
18) Hexachloroethane	7.393	117	80844	44.667	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	131860	45.202	ng	99
20) 3+4-Methylphenols	7.287	107	196514	45.352	ng	92
22) Acetophenone	7.287	105	267657	45.941	ng	98
24) Nitrobenzene	7.463	77	197903	45.395	ng	97
25) Isophorone	7.698	82	356876	46.187	ng	99
26) 2-Nitrophenol	7.781	139	111733	47.049	ng	99
27) 2,4-Dimethylphenol	7.816	122	188258	45.764	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	224519	45.705	ng	100
29) 2,4-Dichlorophenol	8.022	162	173710	46.572	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	187032	45.601	ng	98
31) Naphthalene	8.187	128	589443	45.579	ng	100
32) Benzoic acid	7.928	122	110429	52.669	ng	99
33) 4-Chloroaniline	8.234	127	85183	16.199	ng	98
34) Hexachlorobutadiene	8.298	225	112014	44.649	ng	98
35) Caprolactam	8.604	113	53309	54.162	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	172642	46.573	ng	99
37) 2-Methylnaphthalene	8.875	142	364745	45.494	ng	99
38) 1-Methylnaphthalene	8.975	142	382910	46.136	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	185866	46.475	ng	98
41) Hexachlorocyclopentadiene	9.034	237	225224	99.240	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	124748	47.869	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	132340	48.242	ng	99
46) 1,1'-Biphenyl	9.339	154	503875	47.062	ng	100
47) 2-Chloronaphthalene	9.369	162	368966	45.922	ng	100
48) 2-Nitroaniline	9.463	65	110011	48.839	ng	98
49) Acenaphthylene	9.786	152	622961	47.099	ng	100
50) Dimethylphthalate	9.639	163	427012	48.671	ng	99
51) 2,6-Dinitrotoluene	9.704	165	96140	49.898	ng	96
52) Acenaphthene	9.957	154	413525	51.243	ng	100
53) 3-Nitroaniline	9.875	138	52612	24.801	ng	98
54) 2,4-Dinitrophenol	9.986	184	99027	102.646	ng	93
55) Dibenzofuran	10.128	168	547283	47.294	ng	100
56) 4-Nitrophenol	10.039	139	144848	99.739	ng	99
57) 2,4-Dinitrotoluene	10.110	165	128293	50.129	ng	99
58) Fluorene	10.469	166	426738	47.218	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	107784	48.744	ng	96
60) Diethylphthalate	10.339	149	434284	50.486	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	200816	46.565	ng	100
62) 4-Nitroaniline	10.486	138	97734	50.376	ng	98
63) Azobenzene	10.622	77	396547	51.578	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	66386	48.684	ng	94
66) n-Nitrosodiphenylamine	10.581	169	366828	46.949	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	123815	48.257	ng	96
68) Hexachlorobenzene	11.022	284	133468	46.815	ng	99
69) Atrazine	11.104	200	111763	55.393	ng	99
70) Pentachlorophenol	11.216	266	136234	95.896	ng	98
71) Phenanthrene	11.433	178	577233	47.267	ng	100
72) Anthracene	11.486	178	588359	46.976	ng	99
73) Carbazole	11.639	167	510983	47.277	ng	100
74) Di-n-butylphthalate	11.969	149	605997	53.821	ng	100
75) Fluoranthene	12.627	202	535054	46.165	ng	99
77) Benzidine	12.745	184	207988	39.797	ng	99
78) Pyrene	12.857	202	523080	40.118	ng	100
80) Butylbenzylphthalate	13.469	149	188634	49.875	ng	97
81) Benzo(a)anthracene	14.045	228	444500	47.368	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	41776	13.725	ng	99
83) Chrysene	14.080	228	397636	47.487	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	240826	44.256	ng	99
85) Di-n-octyl phthalate	14.645	149	410883	40.043	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	552150	43.602	ng	99
88) Benzo(b)fluoranthene	15.104	252	476268	49.507	ng	99
89) Benzo(k)fluoranthene	15.139	252	431262	47.916	ng	99
90) Benzo(a)pyrene	15.480	252	448854	48.297	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	442974	43.052	ng	98
92) Benzo(g,h,i)perylene	17.509	276	439978	42.883	ng	99

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

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