Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070825\
Data File : BF143032.D
Acq On : 08 Jul 2025 14:32
Operator : RC/JU
Sample : Q2514-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-78MS

Quant Time: Jul 08 14:55:15 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	50264	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	189189	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	92887	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	136328	20.000	ng		0.00
76) Chrysene-d12	14.057	240	97647	20.000	ng		0.00
86) Perylene-d12	15.551	264	121597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	229680	76.078	ng		0.00
7) Phenol-d6	6.510	99	271395	76.195	ng		0.00
23) Nitrobenzene-d5	7.440	82	165688	48.037	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	64984	67.984	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	343655	48.602	ng		-0.01
79) Terphenyl-d14	12.992	244	253616	35.887	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	42976	35.590	ng		99
3) Pyridine	3.428	79	116438	38.464	ng		98
4) n-Nitrosodimethylamine	3.375	42	66717	42.619	ng		99
6) Aniline	6.534	93	179264	37.825	ng	#	79
8) 2-Chlorophenol	6.663	128	149463	45.895	ng		97
9) Benzaldehyde	6.428	77	101107	47.846	ng		99
10) Phenol	6.522	94	175999	44.453	ng		91
11) bis(2-Chloroethyl)ether	6.604	93	130834	46.236	ng		97
12) 1,3-Dichlorobenzene	6.816	146	165993	45.575	ng		98
13) 1,4-Dichlorobenzene	6.893	146	165127	44.937	ng		99
14) 1,2-Dichlorobenzene	7.046	146	159276	45.698	ng		99
15) Benzyl Alcohol	7.016	79	119258	46.315	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.146	45	192861	42.421	ng		82
17) 2-Methylphenol	7.134	107	112586	45.620	ng		97
18) Hexachloroethane	7.387	117	58262	45.330	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	95192	45.952	ng		97
20) 3+4-Methylphenols	7.287	107	144372	46.919	ng		94
22) Acetophenone	7.281	105	197743	47.398	ng		100
24) Nitrobenzene	7.457	77	141387	45.290	ng		97
25) Isophorone	7.698	82	249559	45.104	ng		100
26) 2-Nitrophenol	7.775	139	80587	47.388	ng		99
27) 2,4-Dimethylphenol	7.810	122	133317m	45.258	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	161967	46.045	ng		99
29) 2,4-Dichlorophenol	8.022	162	121873	45.629	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	135810	46.241	ng		99
31) Naphthalene	8.181	128	424217	45.809	ng		100
32) Benzoic acid	7.928	122	9682	6.449	ng		94
33) 4-Chloroaniline	8.228	127	125627	33.363	ng		99
34) Hexachlorobutadiene	8.293	225	83987	46.750	ng		99
35) Caprolactam	8.592	113	25548	36.249	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	116125	43.747	ng		99
37) 2-Methylnaphthalene	8.875	142	260944	45.451	ng		100
38) 1-Methylnaphthalene	8.975	142	270353	45.490	ng		100
40) 1,2,4,5-Tetrachloroben...	9.040	216	135783	49.542	ng		99
41) Hexachlorocyclopentadiene	9.022	237	120264	77.323	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	78809	44.127	ng		100

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44) 2,4,5-Trichlorophenol	9.198	196	84304	44.842	ng	97
46) 1,1'-Biphenyl	9.334	154	355681	48.474	ng	99
47) 2-Chloronaphthalene	9.363	162	263826	47.913	ng	99
48) 2-Nitroaniline	9.463	65	72038	46.665	ng	95
49) Acenaphthylene	9.781	152	428870	47.313	ng	99
50) Dimethylphthalate	9.634	163	283559	47.161	ng	99
51) 2,6-Dinitrotoluene	9.704	165	61992	46.948	ng	96
52) Acenaphthene	9.951	154	259482m	46.918	ng	
53) 3-Nitroaniline	9.875	138	53645	36.900	ng	97
54) 2,4-Dinitrophenol	9.986	184	28030	42.395	ng	98
55) Dibenzofuran	10.122	168	370200	46.680	ng	99
56) 4-Nitrophenol	10.045	139	63033	63.332	ng	98
57) 2,4-Dinitrotoluene	10.110	165	79943	45.580	ng	96
58) Fluorene	10.469	166	287484	46.416	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	56637	37.374	ng	95
60) Diethylphthalate	10.334	149	275934	46.806	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	137990	46.689	ng	98
62) 4-Nitroaniline	10.486	138	57548	43.282	ng	98
63) Azobenzene	10.616	77	255869	48.562	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	28955	35.114	ng	98
66) n-Nitrosodiphenylamine	10.575	169	238497	50.478	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	79591	51.298	ng	96
68) Hexachlorobenzene	11.016	284	86383	50.106	ng	99
69) Atrazine	11.104	200	61204	50.163	ng	99
70) Pentachlorophenol	11.216	266	46634	54.284	ng	99
71) Phenanthrene	11.433	178	353850	47.915	ng	99
72) Anthracene	11.486	178	362667	47.884	ng	99
73) Carbazole	11.639	167	300163	45.925	ng	100
74) Di-n-butylphthalate	11.963	149	359829	52.847	ng	99
75) Fluoranthene	12.622	202	317461	45.296	ng	100
77) Benzidine	12.745	184	206056	56.166	ng	99
78) Pyrene	12.857	202	317116	34.647	ng	100
80) Butylbenzylphthalate	13.463	149	128249	48.305	ng	98
81) Benzo(a)anthracene	14.045	228	304878	46.282	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	79159	37.048	ng	98
83) Chrysene	14.086	228	290774	49.468	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	188029	49.223	ng	100
85) Di-n-octyl phthalate	14.639	149	360532	50.053	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	363735	39.272	ng	99
88) Benzo(b)fluoranthene	15.116	252	352967	50.165	ng	99
89) Benzo(k)fluoranthene	15.145	252	324249	49.257	ng	100
90) Benzo(a)pyrene	15.492	252	335231	49.318	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	292642	38.887	ng	99
92) Benzo(g,h,i)perylene	17.533	276	274419	36.569	ng	97

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

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