Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090425\
Data File : BF143641.D
Acq On : 04 Sep 2025 13:44
Operator : RC/JU
Sample : Q2893-08
Misc : LOQ-WATER 5PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 14:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	73026	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	279727	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	159744	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	268934	20.000	ng		0.00
76) Chrysene-d12	14.045	240	184576	20.000	ng		0.00
86) Perylene-d12	15.521	264	157689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	517357	125.507	ng		0.00
7) Phenol-d6	6.510	99	647802	126.619	ng		0.00
23) Nitrobenzene-d5	7.451	82	397012	99.752	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	198428	148.544	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	871812	87.193	ng		0.00
79) Terphenyl-d14	12.998	244	975456	88.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	9041	4.649	ng		98
3) Pyridine	3.481	79	20235	3.927	ng		98
6) Aniline	6.551	93	34916	4.903	ng		100
8) 2-Chlorophenol	6.675	128	21067	4.935	ng		88
10) Phenol	6.522	94	27348	4.876	ng	#	71
11) bis(2-Chloroethyl)ether	6.622	93	20579	4.685	ng		93
12) 1,3-Dichlorobenzene	6.834	146	25335	4.809	ng		95
13) 1,4-Dichlorobenzene	6.910	146	26050	4.930	ng		98
14) 1,2-Dichlorobenzene	7.057	146	24719	4.943	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	30437	4.402	ng		97
17) 2-Methylphenol	7.128	107	17396	4.661	ng		98
18) Hexachloroethane	7.404	117	8242	5.000	ng		96
22) Acetophenone	7.292	105	31412	4.966	ng	#	96
24) Nitrobenzene	7.469	77	22584	5.307	ng		96
25) Isophorone	7.698	82	41303	4.605	ng		98
26) 2-Nitrophenol	7.781	139	7831m	7.976	ng		
27) 2,4-Dimethylphenol	7.810	122	21023	5.384	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	25656	4.679	ng		99
29) 2,4-Dichlorophenol	8.016	162	17981	4.693	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	20869	4.998	ng		98
31) Naphthalene	8.192	128	66052	4.828	ng		99
33) 4-Chloroaniline	8.233	127	25462	5.374	ng		99
34) Hexachlorobutadiene	8.310	225	13578	4.999	ng		94
36) 4-Chloro-3-methylphenol	8.704	107	18517	4.615	ng		98
37) 2-Methylnaphthalene	8.880	142	39396	4.257	ng		98
38) 1-Methylnaphthalene	8.980	142	42099	4.758	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	21562	4.884	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	12573	4.622	ng		100
44) 2,4,5-Trichlorophenol	9.186	196	14505	5.165	ng		98
46) 1,1'-Biphenyl	9.345	154	57158	5.031	ng		100
47) 2-Chloronaphthalene	9.369	162	42007	4.725	ng		98
48) 2-Nitroaniline	9.457	65	9595	6.891	ng		98
49) Acenaphthylene	9.786	152	70845	5.529	ng		98
50) Dimethylphthalate	9.639	163	48919	4.836	ng		98
51) 2,6-Dinitrotoluene	9.698	165	8371	7.981	ng		95
52) Acenaphthene	9.957	154	40675	4.746	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	9.869	138	9270	7.280	ng	98
55) Dibenzofuran	10.127	168	62372	5.009	ng	97
57) 2,4-Dinitrotoluene	10.098	165	10111m	7.601	ng	
58) Fluorene	10.469	166	49356	5.124	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	11538	5.410	ng	97
60) Diethylphthalate	10.339	149	46894	4.883	ng	97
61) 4-Chlorophenyl-phenyle...	10.469	204	23990	4.991	ng	99
62) 4-Nitroaniline	10.474	138	8335	6.758	ng	98
63) Azobenzene	10.627	77	43288	4.782	ng	97
66) n-Nitrosodiphenylamine	10.580	169	41470	4.777	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	14335	4.596	ng	96
68) Hexachlorobenzene	11.016	284	15520	4.737	ng	97
69) Atrazine	11.098	200	12367	4.766	ng	99
71) Phenanthrene	11.433	178	71441	4.913	ng	99
72) Anthracene	11.486	178	71512	4.903	ng	99
73) Carbazole	11.633	167	60487	4.920	ng	99
74) Di-n-butylphthalate	11.968	149	65781	4.766	ng	99
75) Fluoranthene	12.621	202	66431	4.974	ng	100
78) Pyrene	12.851	202	69758	4.580	ng	99
80) Butylbenzylphthalate	13.468	149	16185	6.405	ng	98
81) Benzo(a)anthracene	14.033	228	56991	4.767	ng	98
83) Chrysene	14.068	228	48001	4.467	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	22174	5.956	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	46071	4.191	ng	99
88) Benzo(b)fluoranthene	15.086	252	37763	3.975	ng	99
89) Benzo(k)fluoranthene	15.115	252	42719	5.199	ng	99
90) Benzo(a)pyrene	15.457	252	36728	4.497	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	38130	4.217	ng	99
92) Benzo(g,h,i)perylene	17.450	276	37793	4.339	ng	98

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

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