Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025102.D
Acq On : 11 Jul 2025 13:36
Operator : CG/JU
Sample : Q2126-08
Misc : LOQ-WATER-5 PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Quant Time: Jul 11 14:32:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	423624	20.000	ng	0.00
21) Naphthalene-d8	10.172	136	1719339	20.000	ng	-0.01
39) Acenaphthene-d10	14.072	164	1168125	20.000	ng	-0.02
64) Phenanthrene-d10	16.889	188	2408071	20.000	ng	-0.02
76) Chrysene-d12	21.324	240	2674924	20.000	ng	-0.02
86) Perylene-d12	24.465	264	2902914	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2693896	112.675	ng	0.00
7) Phenol-d6	6.625	99	3404654	109.123	ng	0.00
23) Nitrobenzene-d5	8.560	82	2179655	84.310	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1867035	135.298	ng	-0.01
45) 2-Fluorobiphenyl	12.684	172	6080707	80.642	ng	-0.01
79) Terphenyl-d14	19.660	244	10369715	85.200	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	39705	4.271	ng	100
3) Pyridine	3.496	79	99891	3.925	ng	97
6) Aniline	6.778	93	163520	5.609	ng	98
8) 2-Chlorophenol	7.008	128	118916	4.445	ng	98
10) Phenol	6.649	94	131297	4.142	ng	92
11) bis(2-Chloroethyl)ether	6.878	93	101311	4.152	ng	98
12) 1,3-Dichlorobenzene	7.325	146	131206	4.383	ng	98
13) 1,4-Dichlorobenzene	7.472	146	134321	4.431	ng	99
14) 1,2-Dichlorobenzene	7.772	146	128054	4.392	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.955	45	138037	4.351	ng	99
17) 2-Methylphenol	7.866	107	86508	4.236	ng	99
18) Hexachloroethane	8.490	117	45573	4.615	ng	95
19) n-Nitroso-di-n-propyla...	8.225	70	81205	4.389	ng	99
22) Acetophenone	8.231	105	174488	4.291	ng	99
24) Nitrobenzene	8.602	77	121279	4.606	ng	96
25) Isophorone	9.125	82	220998	4.574	ng	97
26) 2-Nitrophenol	9.302	139	48582	6.842	ng	98
27) 2,4-Dimethylphenol	9.372	122	105572	5.858	ng	98
28) bis(2-Chloroethoxy)met...	9.607	93	142172	4.334	ng	98
29) 2,4-Dichlorophenol	9.825	162	101684	4.069	ng	98
30) 1,2,4-Trichlorobenzene	10.043	180	122612	4.431	ng	99
31) Naphthalene	10.225	128	371589	4.197	ng	99
33) 4-Chloroaniline	10.337	127	154360	4.672	ng	98
34) Hexachlorobutadiene	10.525	225	72472	4.563	ng	95
36) 4-Chloro-3-methylphenol	11.466	107	100274	3.840	ng	96
37) 2-Methylnaphthalene	11.848	142	240146	3.844	ng	99
38) 1-Methylnaphthalene	12.072	142	255254	4.190	ng	100
40) 1,2,4,5-Tetrachloroben...	12.225	216	139591	4.158	ng	99
43) 2,4,6-Trichlorophenol	12.478	196	83288	4.097	ng	98
44) 2,4,5-Trichlorophenol	12.543	196	92625	4.021	ng	98
46) 1,1'-Biphenyl	12.890	154	361547	4.254	ng	100
47) 2-Chloronaphthalene	12.925	162	272345	4.263	ng	99
48) 2-Nitroaniline	13.137	65	56572	6.171	ng	98
49) Acenaphthylene	13.795	152	434113	4.440	ng	100
50) Dimethylphthalate	13.542	163	347210	4.246	ng	99
51) 2,6-Dinitrotoluene	13.642	165	63500	3.982	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.148	154	260689	4.137	ng		98
53) 3-Nitroaniline	13.972	138	69348	4.058	ng	#	96
55) Dibenzofuran	14.489	168	429969	4.134	ng		98
57) 2,4-Dinitrotoluene	14.448	165	77176	5.753	ng	#	96
58) Fluorene	15.142	166	342540	4.258	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.719	232	85917	4.118	ng		96
60) Diethylphthalate	14.948	149	344654	4.197	ng		99
61) 4-Chlorophenyl-phenyle...	15.160	204	172300	4.328	ng		98
62) 4-Nitroaniline	15.160	138	70413	3.929	ng		98
63) Azobenzene	15.454	77	283319	3.874	ng		99
66) n-Nitrosodiphenylamine	15.378	169	290971	4.222	ng		98
67) 4-Bromophenyl-phenylether	16.078	248	110975	4.501	ng		95
68) Hexachlorobenzene	16.183	284	136628	4.534	ng		97
69) Atrazine	16.372	200	104737	5.186	ng		98
71) Phenanthrene	16.936	178	560489	4.356	ng		98
72) Anthracene	17.036	178	545161	4.416	ng		99
73) Carbazole	17.307	167	504713	4.182	ng		99
74) Di-n-butylphthalate	17.942	149	567209	4.220	ng		99
75) Fluoranthene	19.030	202	638008	4.242	ng		99
78) Pyrene	19.413	202	680550	4.108	ng		99
80) Butylbenzylphthalate	20.419	149	243287	7.201	ng		99
81) Benzo(a)anthracene	21.307	228	706261	4.357	ng		99
83) Chrysene	21.371	228	669435	4.291	ng		99
84) Bis(2-ethylhexyl)phtha...	21.313	149	390932	4.496	ng		99
87) Indeno(1,2,3-cd)pyrene	27.971	276	800568m	4.329	ng		
88) Benzo(b)fluoranthene	23.477	252	692242	4.097	ng		99
89) Benzo(k)fluoranthene	23.542	252	674270	4.011	ng		99
90) Benzo(a)pyrene	24.307	252	635633	4.420	ng		98
91) Dibenzo(a,h)anthracene	28.065	278	651066	4.259	ng		99
92) Benzo(g,h,i)perylene	29.048	276	664411	4.207	ng		99

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

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