Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025661.D
Acq On : 04 Sep 2025 15:29
Operator : CG/JU
Sample : Q2893-08
Misc : LOQ-WATER 5PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 04 15:55:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	128526	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	522379	20.000	ng		-0.02
39) Acenaphthene-d10	14.390	164	346549	20.000	ng		-0.02
64) Phenanthrene-d10	17.201	188	714036	20.000	ng		0.00
76) Chrysene-d12	21.654	240	808845	20.000	ng		0.00
86) Perylene-d12	25.036	264	919344	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	939363	121.376	ng		-0.02
7) Phenol-d6	6.955	99	1210500	121.997	ng		-0.01
23) Nitrobenzene-d5	8.908	82	829940	80.369	ng		-0.03
42) 2,4,6-Tribromophenol	15.913	330	575229	123.318	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	1894368	74.708	ng		-0.02
79) Terphenyl-d14	19.919	244	3320628	75.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	14833	4.893	ng		97
3) Pyridine	3.725	79	36055	4.345	ng		88
6) Aniline	7.102	93	58950	4.410	ng		96
8) 2-Chlorophenol	7.343	128	39659	4.541	ng		92
10) Phenol	6.978	94	47192	4.533	ng		81
11) bis(2-Chloroethyl)ether	7.196	93	36093	4.448	ng		96
12) 1,3-Dichlorobenzene	7.661	146	44254	4.595	ng		96
13) 1,4-Dichlorobenzene	7.796	146	43855	4.455	ng		96
14) 1,2-Dichlorobenzene	8.113	146	43065	4.520	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.284	45	51898	4.774	ng		99
17) 2-Methylphenol	8.208	107	30238	4.182	ng		96
18) Hexachloroethane	8.831	117	17425	4.815	ng		97
22) Acetophenone	8.578	105	60856	4.645	ng	#	97
24) Nitrobenzene	8.949	77	46350	5.022	ng	#	96
25) Isophorone	9.472	82	77733	4.253	ng		99
26) 2-Nitrophenol	9.660	139	18738	3.956	ng		94
27) 2,4-Dimethylphenol	9.737	122	32402	3.978	ng		95
28) bis(2-Chloroethoxy)met...	9.955	93	46255	4.187	ng		97
29) 2,4-Dichlorophenol	10.225	162	28754	3.554	ng		91
30) 1,2,4-Trichlorobenzene	10.407	180	39191	4.418	ng		93
31) Naphthalene	10.584	128	122836	4.524	ng		99
33) 4-Chloroaniline	10.707	127	43834	3.655	ng		99
34) Hexachlorobutadiene	10.872	225	24507	4.436	ng		99
36) 4-Chloro-3-methylphenol	11.849	107	37082	3.994	ng		95
37) 2-Methylnaphthalene	12.196	142	77089	4.363	ng		98
38) 1-Methylnaphthalene	12.419	142	80604	4.290	ng		98
40) 1,2,4,5-Tetrachloroben...	12.572	216	44331	4.429	ng		98
43) 2,4,6-Trichlorophenol	12.825	196	25528	3.778	ng		93
44) 2,4,5-Trichlorophenol	12.913	196	29042	3.922	ng		89
46) 1,1'-Biphenyl	13.219	154	114057	4.532	ng		97
47) 2-Chloronaphthalene	13.254	162	86399	4.410	ng		100
48) 2-Nitroaniline	13.472	65	23670	4.146	ng		99
49) Acenaphthylene	14.107	152	142911	4.408	ng		98
50) Dimethylphthalate	13.843	163	112493	4.433	ng		99
51) 2,6-Dinitrotoluene	13.960	165	22118	4.135	ng		91
52) Acenaphthene	14.460	154	82510	4.336	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53)	3-Nitroaniline	14.307	138	21383	3.553	ng		93
55)	Dibenzofuran	14.801	168	135737	4.511	ng		97
57)	2,4-Dinitrotoluene	14.766	165	29414	3.854	ng	#	87
58)	Fluorene	15.466	166	112251	4.728	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.048	232	28249m	4.320	ng		
60)	Diethylphthalate	15.231	149	114802	4.452	ng		98
61)	4-Chlorophenyl-phenyle...	15.448	204	53072	4.495	ng		93
62)	4-Nitroaniline	15.507	138	21087m	3.418	ng		
63)	Azobenzene	15.748	77	101071	4.578	ng		97
66)	n-Nitrosodiphenylamine	15.672	169	93913	4.313	ng		100
67)	4-Bromophenyl-phenylether	16.372	248	34486	4.391	ng		97
68)	Hexachlorobenzene	16.490	284	40877	4.490	ng		100
69)	Atrazine	16.654	200	33869	4.153	ng		95
71)	Phenanthrene	17.242	178	179701	4.581	ng		98
72)	Anthracene	17.337	178	174136	4.347	ng		100
73)	Carbazole	17.631	167	159644	4.231	ng		98
74)	Di-n-butylphthalate	18.213	149	193067	4.159	ng		99
75)	Fluoranthene	19.331	202	210746	4.504	ng		98
78)	Pyrene	19.707	202	222518	4.233	ng		100
80)	Butylbenzylphthalate	20.648	149	92034	3.863	ng		98
81)	Benzo(a)anthracene	21.630	228	235542	4.416	ng		98
83)	Chrysene	21.695	228	229152	4.587	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.560	149	135515	3.864	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.883	276	279750	4.149	ng		94
88)	Benzo(b)fluoranthene	23.966	252	233259	4.303	ng		98
89)	Benzo(k)fluoranthene	24.036	252	234037	4.314	ng		99
90)	Benzo(a)pyrene	24.877	252	223396	4.233	ng		99
91)	Dibenzo(a,h)anthracene	28.959	278	226989	4.120	ng		98
92)	Benzo(g,h,i)perylene	30.053	276	226329	4.179	ng		97

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

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