Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112025\
Data File : BP026170.D
Acq On : 20 Nov 2025 11:46
Operator : RC/JU
Sample : Q3530-08
Misc : LOQ-WATER-5ng
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2025

Quant Time: Nov 20 12:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.649	152	276920	20.000	ng		-0.02
21) Naphthalene-d8	10.419	136	1138235	20.000	ng		-0.03
39) Acenaphthene-d10	14.313	164	736413	20.000	ng		-0.01
64) Phenanthrene-d10	17.125	188	1528266	20.000	ng		0.00
76) Chrysene-d12	21.577	240	1712385	20.000	ng		0.00
86) Perylene-d12	24.906	264	1847822	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.260	112	1969411	114.151	ng		-0.03
7) Phenol-d6	6.813	99	2484229	113.105	ng		-0.04
23) Nitrobenzene-d5	8.790	82	1595326	79.613	ng		-0.02
42) 2,4,6-Tribromophenol	15.830	330	1075874	112.621	ng		0.00
45) 2-Fluorobiphenyl	12.913	172	4000961	79.626	ng		-0.02
79) Terphenyl-d14	19.871	244	6657610	79.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.208	88	31384	4.485	ng		97
3) Pyridine	3.602	79	80829	3.997	ng	#	93
6) Aniline	6.978	93	120659	4.161	ng		99
8) 2-Chlorophenol	7.213	128	82418	4.197	ng		97
10) Phenol	6.843	94	97818	4.134	ng		89
11) bis(2-Chloroethyl)ether	7.072	93	75162	4.057	ng		97
12) 1,3-Dichlorobenzene	7.531	146	94233	4.454	ng		94
13) 1,4-Dichlorobenzene	7.684	146	93630	4.392	ng		98
14) 1,2-Dichlorobenzene	7.996	146	89801	4.387	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.160	45	109139	4.195	ng		98
17) 2-Methylphenol	8.084	107	61214	3.800	ng		99
18) Hexachloroethane	8.719	117	32553	4.197	ng		94
22) Acetophenone	8.448	105	120985	4.182	ng		98
24) Nitrobenzene	8.825	77	88272	4.355	ng		99
25) Isophorone	9.354	82	157736	3.971	ng		99
26) 2-Nitrophenol	9.531	139	32198	3.139	ng		99
27) 2,4-Dimethylphenol	9.595	122	65280	3.530	ng		98
28) bis(2-Chloroethoxy)met...	9.837	93	99088	3.983	ng		97
29) 2,4-Dichlorophenol	10.072	162	65482	3.542	ng		98
30) 1,2,4-Trichlorobenzene	10.278	180	82391	4.377	ng		94
31) Naphthalene	10.472	128	257702	4.189	ng		98
33) 4-Chloroaniline	10.578	127	99394	3.799	ng		99
34) Hexachlorobutadiene	10.766	225	49803	4.068	ng		99
36) 4-Chloro-3-methylphenol	11.707	107	70056	3.566	ng		98
37) 2-Methylnaphthalene	12.089	142	159611	3.660	ng		99
38) 1-Methylnaphthalene	12.319	142	171284	4.018	ng		100
40) 1,2,4,5-Tetrachloroben...	12.466	216	94626	4.250	ng		99
43) 2,4,6-Trichlorophenol	12.713	196	53388	3.497	ng		99
44) 2,4,5-Trichlorophenol	12.784	196	58768	3.449	ng		96
46) 1,1'-Biphenyl	13.119	154	241924	4.363	ng		98
47) 2-Chloronaphthalene	13.160	162	182186	4.178	ng		99
48) 2-Nitroaniline	13.360	65	40044	3.302	ng		94
49) Acenaphthylene	14.025	152	287284	3.994	ng		99
50) Dimethylphthalate	13.754	163	231081	4.201	ng		99
51) 2,6-Dinitrotoluene	13.866	165	41231	3.783	ng		92
52) Acenaphthene	14.372	154	172429	4.091	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 3-Nitroaniline	14.201	138	40908	3.188	ng	#	93
55) Dibenzofuran	14.713	168	282358	4.325	ng		99
57) 2,4-Dinitrotoluene	14.678	165	52003	3.196	ng		95
58) Fluorene	15.383	166	228778	4.434	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.954	232	57015	3.944	ng		97
60) Diethylphthalate	15.166	149	227010	4.097	ng		100
61) 4-Chlorophenyl-phenyle...	15.383	204	115062	4.482	ng		96
62) 4-Nitroaniline	15.389	138	41260	3.096	ng		92
63) Azobenzene	15.689	77	188547	4.036	ng		99
66) n-Nitrosodiphenylamine	15.607	169	193148	4.086	ng		99
67) 4-Bromophenyl-phenylether	16.301	248	67625	3.996	ng		97
68) Hexachlorobenzene	16.419	284	78727	4.009	ng		98
69) Atrazine	16.589	200	67229	3.771	ng		98
71) Phenanthrene	17.166	178	368373	4.279	ng		100
72) Anthracene	17.272	178	360512	4.106	ng		99
73) Carbazole	17.542	167	335587	4.024	ng		100
74) Di-n-butylphthalate	18.154	149	364438	3.686	ng		99
75) Fluoranthene	19.260	202	428850	4.100	ng		99
78) Pyrene	19.636	202	450361	4.011	ng		99
80) Butylbenzylphthalate	20.607	149	158678	3.209	ng		97
81) Benzo(a)anthracene	21.560	228	474160	4.032	ng		98
83) Chrysene	21.630	228	463692	4.184	ng		98
84) Bis(2-ethylhexyl)phtha...	21.518	149	247478	3.306	ng		99
87) Indeno(1,2,3-cd)pyrene	28.683	276	533369	3.849	ng	#	86
88) Benzo(b)fluoranthene	23.859	252	460900	4.096	ng		99
89) Benzo(k)fluoranthene	23.930	252	464071	4.129	ng		97
90) Benzo(a)pyrene	24.754	252	427744	4.013	ng		98
91) Dibenzo(a,h)anthracene	28.765	278	435170	3.836	ng		99
92) Benzo(g,h,i)perylene	29.853	276	436748	3.873	ng		98

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

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