Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
Data File : BP025116.D
Acq On : 14 Jul 2025 12:07
Operator : CG/JU
Sample : Q2126-09
Misc : MDL-MDL-WATER-4 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 14 12:34:19 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

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/15/2025
Supervised By :Jagrut Upadhyay 07/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.437	152	449387	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	1806866	20.000	ng		0.00
39) Acenaphthene-d10	14.078	164	1172008	20.000	ng		-0.01
64) Phenanthrene-d10	16.901	188	2388095	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2591131	20.000	ng		-0.01
86) Perylene-d12	24.466	264	2833269	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	3080383	121.454	ng		0.00
7) Phenol-d6	6.625	99	3848958	116.291	ng		0.00
23) Nitrobenzene-d5	8.566	82	2536423	93.358	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	1960142	141.574	ng		-0.01
45) 2-Fluorobiphenyl	12.684	172	6885754	91.016	ng		-0.01
79) Terphenyl-d14	19.672	244	11288483	95.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	38880	3.942	ng		99
3) Pyridine	3.496	79	98935	3.664	ng		98
4) n-Nitrosodimethylamine	3.408	42	38841	3.397	ng	#	93
6) Aniline	6.778	93	156383	5.057	ng		98
8) 2-Chlorophenol	7.008	128	112383	3.960	ng		97
9) Benzaldehyde	6.596	77	94511	5.468	ng		97
10) Phenol	6.655	94	127771	3.799	ng		99
11) bis(2-Chloroethyl)ether	6.878	93	99090	3.829	ng		98
12) 1,3-Dichlorobenzene	7.331	146	128414	4.043	ng		98
13) 1,4-Dichlorobenzene	7.472	146	131128	4.078	ng		99
14) 1,2-Dichlorobenzene	7.778	146	125325	4.052	ng		98
15) Benzyl Alcohol	7.672	79	85616	3.876	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.955	45	129874	3.859	ng		98
17) 2-Methylphenol	7.872	107	81195	3.748	ng		97
18) Hexachloroethane	8.496	117	43557	4.158	ng		97
19) n-Nitroso-di-n-propyla...	8.231	70	73377	3.738	ng	#	98
20) 3+4-Methylphenols	8.190	107	109987	3.625	ng		98
22) Acetophenone	8.237	105	166898	3.906	ng	#	97
24) Nitrobenzene	8.602	77	118664	4.288	ng		99
25) Isophorone	9.131	82	204180	4.021	ng		98
26) 2-Nitrophenol	9.307	139	44316	6.375	ng		97
27) 2,4-Dimethylphenol	9.378	122	95734	5.055	ng		99
28) bis(2-Chloroethoxy)met...	9.613	93	134804	3.910	ng		97
29) 2,4-Dichlorophenol	9.831	162	92161	3.509	ng		99
30) 1,2,4-Trichlorobenzene	10.049	180	119530	4.110	ng		99
31) Naphthalene	10.231	128	359371	3.863	ng		99
32) Benzoic acid	9.425	122	34831	7.806	ng		94
33) 4-Chloroaniline	10.337	127	145745	4.198	ng		99
34) Hexachlorobutadiene	10.537	225	70824	4.244	ng		99
35) Caprolactam	11.084	113	27953	3.111	ng		91
36) 4-Chloro-3-methylphenol	11.472	107	93465	3.406	ng		97
37) 2-Methylnaphthalene	11.854	142	226359	3.448	ng		98
38) 1-Methylnaphthalene	12.078	142	238385	3.723	ng		100
40) 1,2,4,5-Tetrachloroben...	12.231	216	134045	3.980	ng		99
41) Hexachlorocyclopentadiene	12.225	237	60366	6.861	ng		97
43) 2,4,6-Trichlorophenol	12.478	196	73660	3.612	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.549	196	82588	3.573	ng		99
46) 1,1'-Biphenyl	12.901	154	339531	3.982	ng		99
47) 2-Chloronaphthalene	12.931	162	259388	4.047	ng		98
48) 2-Nitroaniline	13.137	65	48503	5.676	ng		98
49) Acenaphthylene	13.790	152	407792	4.157	ng		98
50) Dimethylphthalate	13.548	163	320844	3.911	ng		99
51) 2,6-Dinitrotoluene	13.654	165	54554	3.410	ng		99
52) Acenaphthene	14.148	154	241388	3.818	ng		98
53) 3-Nitroaniline	13.984	138	60749	3.543	ng	#	97
54) 2,4-Dinitrophenol	14.190	184	17918	7.522	ng	#	91
55) Dibenzofuran	14.495	168	401578	3.849	ng		99
56) 4-Nitrophenol	14.307	139	47065	2.974	ng		93
57) 2,4-Dinitrotoluene	14.448	165	68699	5.402	ng		99
58) Fluorene	15.160	166	315737	3.912	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.731	232	75733	3.618	ng		98
60) Diethylphthalate	14.960	149	307017	3.726	ng		99
61) 4-Chlorophenyl-phenyle...	15.166	204	160876	4.028	ng		99
62) 4-Nitroaniline	15.166	138	60924	3.388	ng		95
63) Azobenzene	15.466	77	250641	3.416	ng		99
65) 4,6-Dinitro-2-methylph...	15.237	198	28692	7.912	ng		95
66) n-Nitrosodiphenylamine	15.390	169	267791	3.918	ng		98
67) 4-Bromophenyl-phenylether	16.089	248	97966	4.007	ng		98
68) Hexachlorobenzene	16.189	284	120999	4.049	ng		96
69) Atrazine	16.378	200	89267	4.457	ng		99
70) Pentachlorophenol	16.542	266	58774	2.912	ng		99
71) Phenanthrene	16.936	178	522700	4.096	ng		98
72) Anthracene	17.037	178	480204	3.923	ng		99
73) Carbazole	17.319	167	455496	3.805	ng		99
74) Di-n-butylphthalate	17.948	149	477803	3.585	ng		98
75) Fluoranthene	19.042	202	557410	3.737	ng		99
77) Benzidine	19.248	184	210717	4.605	ng		99
78) Pyrene	19.419	202	605556	3.773	ng		99
80) Butylbenzylphthalate	20.419	149	188707	6.500	ng		99
81) Benzo(a)anthracene	21.319	228	626062	3.987	ng		99
82) 3,3'-Dichlorobenzidine	21.248	252	178066	3.767	ng		98
83) Chrysene	21.377	228	595285	3.939	ng		100
84) Bis(2-ethylhexyl)phtha...	21.313	149	299748	3.559	ng		98
85) Di-n-octyl phthalate	22.530	149	424243	8.497	ng		99
87) Indeno(1,2,3-cd)pyrene	27.983	276	695331m	3.852	ng		
88) Benzo(b)fluoranthene	23.477	252	603203	3.658	ng		99
89) Benzo(k)fluoranthene	23.548	252	593082	3.614	ng		100
90) Benzo(a)pyrene	24.313	252	546892	3.896	ng		98
91) Dibenzo(a,h)anthracene	28.059	278	570091	3.821	ng		98
92) Benzo(g,h,i)perylene	29.065	276	584767	3.794	ng		98

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

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