Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064274.D
Acq On : 4 Sep 2025 5:26
Operator : RC/JU
Sample : Q2893-08
Misc : LOQ-WATER 5PPM
ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Quant Time: Sep 04 06:52:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	35958	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	168629	20.000	ng		-0.01
39) Acenaphthene-d10	14.475	164	123535	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	249313	20.000	ng		0.00
76) Chrysene-d12	21.444	240	228466	20.000	ng		-0.01
86) Perylene-d12	24.452	264	249903	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	283440	141.420	ng		0.00
7) Phenol-d6	7.025	99	415955	151.065	ng		0.00
23) Nitrobenzene-d5	9.005	82	321241	106.243	ng		-0.01
42) 2,4,6-Tribromophenol	15.968	330	238338	145.659	ng		0.00
45) 2-Fluorobiphenyl	13.106	172	835317	103.209	ng		0.00
79) Terphenyl-d14	19.840	244	1124711	102.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.359	88	4886	5.849	ng	#	84
3) Pyridine	3.753	79	12125	4.931	ng	#	67
6) Aniline	7.184	93	21613	5.676	ng		97
8) 2-Chlorophenol	7.419	128	13854	5.657	ng		97
10) Phenol	7.049	94	16684	5.496	ng		80
11) bis(2-Chloroethyl)ether	7.278	93	12516	5.487	ng		97
12) 1,3-Dichlorobenzene	7.742	146	13933m	5.347	ng		
13) 1,4-Dichlorobenzene	7.889	146	15243	5.797	ng		92
14) 1,2-Dichlorobenzene	8.206	146	14007	5.519	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.382	45	26228	5.036	ng		97
17) 2-Methylphenol	8.294	107	10735	4.745	ng		97
18) Hexachloroethane	8.929	117	5539	5.396	ng	#	76
22) Acetophenone	8.670	105	23456	5.498	ng	#	96
24) Nitrobenzene	9.046	77	19245	6.092	ng	#	91
25) Isophorone	9.569	82	34981	5.567	ng		99
26) 2-Nitrophenol	9.757	139	7198	5.273	ng		92
27) 2,4-Dimethylphenol	9.816	122	13946	5.819	ng		95
28) bis(2-Chloroethoxy)met...	10.051	93	17228	5.084	ng	#	96
29) 2,4-Dichlorophenol	10.286	162	13006	5.143	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	14714	5.519	ng		96
31) Naphthalene	10.692	128	46913	5.365	ng		94
33) 4-Chloroaniline	10.797	127	19470	5.745	ng		98
34) Hexachlorobutadiene	10.979	225	10817	5.488	ng		89
36) 4-Chloro-3-methylphenol	11.920	107	16847	5.135	ng		88
37) 2-Methylnaphthalene	12.301	142	32551	5.008	ng		87
38) 1-Methylnaphthalene	12.519	142	33922	5.284	ng		92
40) 1,2,4,5-Tetrachloroben...	12.666	216	20457	5.739	ng		98
43) 2,4,6-Trichlorophenol	12.907	196	12109	5.083	ng		96
44) 2,4,5-Trichlorophenol	12.977	196	13968	5.405	ng		91
46) 1,1'-Biphenyl	13.312	154	49901	5.546	ng		95
47) 2-Chloronaphthalene	13.353	162	36538	5.402	ng		96
48) 2-Nitroaniline	13.553	65	11386	4.939	ng		88
49) Acenaphthylene	14.199	152	59523	5.953	ng		98
50) Dimethylphthalate	13.929	163	47869	5.119	ng		99
51) 2,6-Dinitrotoluene	14.046	165	10372	5.730	ng		90
52) Acenaphthene	14.540	154	36352	5.152	ng		93

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53) 3-Nitroaniline	14.375	138	8804	4.643	ng		92
55) Dibenzofuran	14.875	168	60052	5.410	ng		95
57) 2,4-Dinitrotoluene	14.834	165	14478	5.290	ng	#	85
58) Fluorene	15.521	166	49955	5.491	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.104	232	13357	5.374	ng	#	98
60) Diethylphthalate	15.298	149	47158	4.712	ng		97
61) 4-Chlorophenyl-phenyle...	15.515	204	25505	5.623	ng		98
62) 4-Nitroaniline	15.533	138	7788	4.025	ng		86
63) Azobenzene	15.815	77	45914	5.148	ng		96
66) n-Nitrosodiphenylamine	15.733	169	41418	6.039	ng		96
67) 4-Bromophenyl-phenylether	16.414	248	16090	6.076	ng		93
68) Hexachlorobenzene	16.532	284	19066	6.484	ng	#	88
69) Atrazine	16.679	200	13595	4.747	ng		89
71) Phenanthrene	17.260	178	71945	5.471	ng		99
72) Anthracene	17.348	178	70431	5.265	ng		99
73) Carbazole	17.619	167	56018	4.754	ng		99
74) Di-n-butylphthalate	18.189	149	63018	4.451	ng	#	97
75) Fluoranthene	19.264	202	69510	4.496	ng		99
78) Pyrene	19.628	202	73321	5.094	ng		94
80) Butylbenzylphthalate	20.527	149	28905	5.324	ng	#	96
81) Benzo(a)anthracene	21.426	228	78191	5.350	ng		99
83) Chrysene	21.485	228	74966	5.342	ng		96
84) Bis(2-ethylhexyl)phtha...	21.356	149	43467	5.333	ng		95
87) Indeno(1,2,3-cd)pyrene	27.830	276	87494	5.127	ng	#	98
88) Benzo(b)fluoranthene	23.500	252	74743	5.299	ng		98
89) Benzo(k)fluoranthene	23.559	252	79091m	5.504	ng		
90) Benzo(a)pyrene	24.305	252	73249	5.583	ng	#	95
91) Dibenzo(a,h)anthracene	27.883	278	73328	5.351	ng		97
92) Benzo(g,h,i)perylene	28.870	276	71722	5.379	ng	#	90

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

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