Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
Data File : BG064004.D
Acq On : 5 Feb 2025 18:29
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 06 01:27:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	63398	20.000	ng		0.00
21) Naphthalene-d8	10.662	136	274376	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	184271	20.000	ng		0.00
64) Phenanthrene-d10	17.236	188	428401	20.000	ng		0.00
76) Chrysene-d12	21.467	240	500634	20.000	ng		0.00
86) Perylene-d12	24.492	264	516055	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	492924	124.659	ng		0.00
7) Phenol-d6	7.036	99	707375	130.358	ng		0.00
23) Nitrobenzene-d5	9.022	82	479022	106.105	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	290467	135.676	ng		0.00
45) 2-Fluorobiphenyl	13.123	172	1074053	89.303	ng		0.00
79) Terphenyl-d14	19.863	244	2096951	87.477	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.388	88	19002m	10.119	ng		
3) Pyridine	3.775	79	39010	7.693	ng		95
4) n-Nitrosodimethylamine	3.693	42	25932	8.894	ng	#	92
6) Aniline	7.201	93	56791	9.766	ng		99
8) 2-Chlorophenol	7.436	128	37166	9.224	ng		96
9) Benzaldehyde	7.013	77	36747	12.405	ng		99
10) Phenol	7.060	94	50026	8.758	ng		94
11) bis(2-Chloroethyl)ether	7.295	93	40680	8.844	ng		97
12) 1,3-Dichlorobenzene	7.765	146	40747	8.499	ng		97
13) 1,4-Dichlorobenzene	7.906	146	40892	8.445	ng		95
14) 1,2-Dichlorobenzene	8.223	146	41595	8.963	ng		97
15) Benzyl Alcohol	8.100	79	36305	8.951	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.394	45	89795	9.695	ng		97
17) 2-Methylphenol	8.305	107	31852	8.622	ng		91
18) Hexachloroethane	8.958	117	14639	9.186	ng		95
19) n-Nitroso-di-n-propyla...	8.670	70	34748	9.247	ng	#	98
20) 3+4-Methylphenols	8.629	107	43997	8.939	ng		98
22) Acetophenone	8.687	105	68302	9.060	ng	#	96
24) Nitrobenzene	9.063	77	48090	12.306	ng		91
25) Isophorone	9.580	82	95511	9.759	ng		97
26) 2-Nitrophenol	9.768	139	11689	17.391	ng		91
27) 2,4-Dimethylphenol	9.833	122	19744	7.013	ng		92
28) bis(2-Chloroethoxy)met...	10.068	93	55660	8.938	ng		94
29) 2,4-Dichlorophenol	10.303	162	32614	11.490	ng		94
30) 1,2,4-Trichlorobenzene	10.526	180	41492	8.971	ng		98
31) Naphthalene	10.709	128	128930	8.765	ng		98
32) Benzoic acid	9.904	122	11270m	13.664	ng		
33) 4-Chloroaniline	10.808	127	50518	8.963	ng		97
34) Hexachlorobutadiene	11.002	225	26130	8.872	ng		97
35) Caprolactam	11.549	113	12267	12.895	ng		99
36) 4-Chloro-3-methylphenol	11.931	107	41608	9.234	ng		97
37) 2-Methylnaphthalene	12.318	142	90282	8.807	ng		98
38) 1-Methylnaphthalene	12.536	142	84670	8.348	ng		96
40) 1,2,4,5-Tetrachloroben...	12.689	216	49559	9.120	ng		98
41) Hexachlorocyclopentadiene	12.671	237	10363	7.535	ng		98
43) 2,4,6-Trichlorophenol	12.924	196	25689	12.119	ng		92

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44) 2,4,5-Trichlorophenol	12.988	196	28972	11.341	ng		98
46) 1,1'-Biphenyl	13.329	154	126831	9.040	ng		98
47) 2-Chloronaphthalene	13.370	162	93892	9.182	ng		99
48) 2-Nitroaniline	13.564	65	23176	13.437	ng		92
49) Acenaphthylene	14.216	152	149292	9.399	ng		98
50) Dimethylphthalate	13.952	163	113796	9.314	ng		100
51) 2,6-Dinitrotoluene	14.063	165	18033	12.435	ng		95
52) Acenaphthene	14.557	154	94426	8.863	ng		99
53) 3-Nitroaniline	14.387	138	21354	12.342	ng	#	99
54) 2,4-Dinitrophenol	14.586	184	3902	12.941	ng		90
55) Dibenzofuran	14.892	168	149222	8.626	ng		99
56) 4-Nitrophenol	14.686	139	16344	14.622	ng		94
57) 2,4-Dinitrotoluene	14.851	165	24665	13.325	ng		97
58) Fluorene	15.544	166	120224	8.991	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.115	232	26645	12.059	ng	#	94
60) Diethylphthalate	15.321	149	122015	9.419	ng		99
61) 4-Chlorophenyl-phenyle...	15.538	204	60674	9.044	ng		98
62) 4-Nitroaniline	15.544	138	24628	11.757	ng		99
63) Azobenzene	15.832	77	129738	8.480	ng		98
65) 4,6-Dinitro-2-methylph...	15.603	198	8496	14.766	ng		86
66) n-Nitrosodiphenylamine	15.750	169	102234	8.607	ng		97
67) 4-Bromophenyl-phenylether	16.431	248	38198	8.958	ng		96
68) Hexachlorobenzene	16.543	284	44623	8.901	ng		96
69) Atrazine	16.696	200	39668	10.036	ng		98
70) Pentachlorophenol	16.884	266	20717	14.328	ng		93
71) Phenanthrene	17.277	178	203636	9.050	ng		99
72) Anthracene	17.365	178	195581	8.687	ng		99
73) Carbazole	17.630	167	191906	9.105	ng		97
74) Di-n-butylphthalate	18.212	149	223854	10.189	ng		99
75) Fluoranthene	19.287	202	256531	9.363	ng		97
77) Benzidine	19.469	184	85283	8.000	ng		96
78) Pyrene	19.645	202	281877	9.120	ng		98
80) Butylbenzylphthalate	20.556	149	90535	12.974	ng		94
81) Benzo(a)anthracene	21.449	228	299921	9.436	ng		99
82) 3,3'-Dichlorobenzidine	21.373	252	96036	9.702	ng		95
83) Chrysene	21.514	228	289553	9.154	ng		100
84) Bis(2-ethylhexyl)phtha...	21.396	149	152340	12.451	ng		98
85) Di-n-octyl phthalate	22.548	149	244179	14.316	ng		100
87) Indeno(1,2,3-cd)pyrene	27.888	276	310069	9.314	ng	#	97
88) Benzo(b)fluoranthene	23.535	252	279748	9.206	ng		99
89) Benzo(k)fluoranthene	23.599	252	278944	8.940	ng		98
90) Benzo(a)pyrene	24.346	252	254340	9.377	ng		98
91) Dibenzo(a,h)anthracene	27.965	278	257073	9.145	ng		98
92) Benzo(g,h,i)perylene	28.952	276	247693	8.728	ng		99

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

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