Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
Data File : BG064003.D
Acq On : 5 Feb 2025 17:52
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 06 01:26:32 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	49956	20.000	ng		0.00
21) Naphthalene-d8	10.662	136	214108	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	142097	20.000	ng		0.00
64) Phenanthrene-d10	17.236	188	320869	20.000	ng		0.00
76) Chrysene-d12	21.467	240	364672	20.000	ng		0.00
86) Perylene-d12	24.492	264	380311	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	425551	136.579	ng		0.00
7) Phenol-d6	7.036	99	569798	133.259	ng		0.00
23) Nitrobenzene-d5	9.022	82	373325	105.970	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	208035	127.103	ng		0.00
45) 2-Fluorobiphenyl	13.123	172	846181	91.238	ng		0.00
79) Terphenyl-d14	19.857	244	1610222	92.217	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.388	88	8317	5.621	ng		95
3) Pyridine	3.781	79	15843	3.965	ng	#	91
4) n-Nitrosodimethylamine	3.693	42	10185	4.433	ng	#	80
6) Aniline	7.201	93	21729	4.742	ng	#	92
8) 2-Chlorophenol	7.436	128	15303	4.820	ng		96
9) Benzaldehyde	7.013	77	16008	6.858	ng		87
10) Phenol	7.060	94	21085	4.685	ng		98
11) bis(2-Chloroethyl)ether	7.301	93	15807	4.361	ng		97
12) 1,3-Dichlorobenzene	7.765	146	16841	4.458	ng		95
13) 1,4-Dichlorobenzene	7.912	146	18098	4.743	ng		98
14) 1,2-Dichlorobenzene	8.229	146	17082	4.671	ng		91
15) Benzyl Alcohol	8.100	79	13880	4.343	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	34649	4.748	ng		99
17) 2-Methylphenol	8.300	107	12662	4.350	ng		96
18) Hexachloroethane	8.946	117	6629	5.279	ng		88
19) n-Nitroso-di-n-propyla...	8.670	70	13699	4.626	ng		91
20) 3+4-Methylphenols	8.629	107	16110	4.154	ng		92
22) Acetophenone	8.687	105	25737	4.375	ng	#	96
24) Nitrobenzene	9.063	77	18455	7.996	ng		94
25) Isophorone	9.586	82	35582	4.659	ng		98
26) 2-Nitrophenol	9.774	139	4344	9.285	ng	#	93
27) 2,4-Dimethylphenol	9.833	122	6836	3.112	ng	#	92
28) bis(2-Chloroethoxy)met...	10.068	93	21321	4.387	ng	#	95
29) 2,4-Dichlorophenol	10.303	162	11838	7.420	ng		90
30) 1,2,4-Trichlorobenzene	10.526	180	16457	4.560	ng		96
31) Naphthalene	10.709	128	50469	4.397	ng	#	96
32) Benzoic acid	9.898	122	1856	7.207	ng	#	64
33) 4-Chloroaniline	10.808	127	18276	4.155	ng	#	94
34) Hexachlorobutadiene	11.002	225	10785	4.692	ng		93
35) Caprolactam	11.537	113	4050	8.524	ng	#	92
36) 4-Chloro-3-methylphenol	11.931	107	15426	4.387	ng		96
37) 2-Methylnaphthalene	12.318	142	34407	4.301	ng		100
38) 1-Methylnaphthalene	12.536	142	32162m	4.063	ng		
40) 1,2,4,5-Tetrachloroben...	12.683	216	19422	4.635	ng		99
41) Hexachlorocyclopentadiene	12.677	237	4223	3.982	ng		94
43) 2,4,6-Trichlorophenol	12.924	196	8285m	7.918	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	10355	7.370	ng	#	85
46) 1,1'-Biphenyl	13.329	154	49603	4.585	ng		97
47) 2-Chloronaphthalene	13.370	162	35445	4.495	ng		96
48) 2-Nitroaniline	13.564	65	8522	8.748	ng	#	82
49) Acenaphthylene	14.216	152	54531	4.452	ng		98
50) Dimethylphthalate	13.952	163	41540	4.409	ng	#	96
51) 2,6-Dinitrotoluene	14.063	165	5738	7.753	ng		99
52) Acenaphthene	14.557	154	36090	4.393	ng		93
53) 3-Nitroaniline	14.387	138	6383	8.051	ng	#	93
54) 2,4-Dinitrophenol	14.592	184	1103	6.265	ng	#	90
55) Dibenzofuran	14.892	168	55190	4.137	ng		99
56) 4-Nitrophenol	14.686	139	5893	11.328	ng		90
57) 2,4-Dinitrotoluene	14.845	165	8303	8.600	ng	#	82
58) Fluorene	15.544	166	43895	4.257	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.115	232	9410m	8.347	ng		
60) Diethylphthalate	15.321	149	42641	4.269	ng		95
61) 4-Chlorophenyl-phenyle...	15.538	204	23928	4.625	ng		95
62) 4-Nitroaniline	15.544	138	7208	6.903	ng		90
63) Azobenzene	15.832	77	46668	3.955	ng		96
65) 4,6-Dinitro-2-methylph...	15.609	198	2302	6.969	ng		95
66) n-Nitrosodiphenylamine	15.750	169	37201	4.182	ng		97
67) 4-Bromophenyl-phenylether	16.431	248	14405	4.510	ng		94
68) Hexachlorobenzene	16.543	284	17100	4.554	ng		93
69) Atrazine	16.696	200	14259	4.816	ng		95
70) Pentachlorophenol	16.884	266	7575	11.443	ng	#	89
71) Phenanthrene	17.277	178	76297	4.527	ng		99
72) Anthracene	17.365	178	71231	4.224	ng		98
73) Carbazole	17.630	167	69917	4.429	ng		98
74) Di-n-butylphthalate	18.212	149	74467	4.525	ng		99
75) Fluoranthene	19.287	202	91074	4.438	ng		99
77) Benzidine	19.469	184	24295	3.129	ng	#	88
78) Pyrene	19.645	202	105810	4.700	ng		97
80) Butylbenzylphthalate	20.556	149	30400	8.976	ng		89
81) Benzo(a)anthracene	21.449	228	106193	4.587	ng		98
82) 3,3'-Dichlorobenzidine	21.373	252	31797	4.410	ng		92
83) Chrysene	21.514	228	107379	4.660	ng		96
84) Bis(2-ethylhexyl)phtha...	21.396	149	50548	8.105	ng	#	99
85) Di-n-octyl phthalate	22.548	149	82711	10.371	ng		99
87) Indeno(1,2,3-cd)pyrene	27.894	276	112940	4.603	ng	#	97
88) Benzo(b)fluoranthene	23.535	252	99491	4.443	ng		97
89) Benzo(k)fluoranthene	23.599	252	98302	4.275	ng		99
90) Benzo(a)pyrene	24.346	252	92382	4.622	ng		98
91) Dibenzo(a,h)anthracene	27.953	278	91938	4.438	ng		98
92) Benzo(g,h,i)perylene	28.940	276	90564	4.330	ng		97

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

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