Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062624.D
Acq On : 3 Sep 2024 13:49
Operator : MA/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-4ng
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 04 04:55:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.924	152	58327	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	257890	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	216785	20.000	ng		0.00
64) Phenanthrene-d10	17.290	188	589894	20.000	ng		0.00
76) Chrysene-d12	21.538	240	606266	20.000	ng		0.00
86) Perylene-d12	24.605	264	671720	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	416819	123.526	ng		0.00
7) Phenol-d6	7.090	99	574155	117.782	ng		0.00
23) Nitrobenzene-d5	9.076	82	413440	86.340	ng		0.00
42) 2,4,6-Tribromophenol	16.038	330	405110	132.786	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	1105550	82.605	ng		0.00
79) Terphenyl-d14	19.910	244	2259618	73.902	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	6656	4.735	ng		94
3) Pyridine	3.805	79	15068	3.720	ng	#	85
4) n-Nitrosodimethylamine	3.717	42	8693	4.415	ng	#	73
6) Aniline	7.248	93	20952	4.600	ng		97
8) 2-Chlorophenol	7.489	128	14349	3.961	ng		97
9) Benzaldehyde	7.066	77	15439	5.445	ng		98
10) Phenol	7.113	94	19346	3.920	ng		96
11) bis(2-Chloroethyl)ether	7.342	93	16176	4.281	ng		97
12) 1,3-Dichlorobenzene	7.812	146	16320	4.105	ng		94
13) 1,4-Dichlorobenzene	7.953	146	17188m	4.201	ng		
14) 1,2-Dichlorobenzene	8.277	146	15856	3.943	ng		92
15) Benzyl Alcohol	8.159	79	14031	3.890	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.435	45	29450	4.090	ng		95
17) 2-Methylphenol	8.365	107	12317	3.581	ng		95
18) Hexachloroethane	8.999	117	5654	3.686	ng		92
19) n-Nitroso-di-n-propyla...	8.717	70	14240	3.707	ng	#	92
20) 3+4-Methylphenols	8.688	107	17300	3.409	ng		95
22) Acetophenone	8.741	105	26738	3.843	ng	#	97
24) Nitrobenzene	9.117	77	21201	4.164	ng		99
25) Isophorone	9.640	82	42214	4.016	ng		99
26) 2-Nitrophenol	9.828	139	6843	3.557	ng	#	86
27) 2,4-Dimethylphenol	9.892	122	14566m	5.167	ng		
28) bis(2-Chloroethoxy)met...	10.121	93	21789	3.872	ng		97
29) 2,4-Dichlorophenol	10.362	162	14843	3.766	ng		97
30) 1,2,4-Trichlorobenzene	10.580	180	17739	3.797	ng		93
31) Naphthalene	10.762	128	51348	4.017	ng		96
32) Benzoic acid	9.939	122	6425m	2.119	ng		
33) 4-Chloroaniline	10.874	127	19150	3.807	ng		92
34) Hexachlorobutadiene	11.056	225	12987	3.980	ng		92
35) Caprolactam	11.608	113	5895	3.880	ng		94
36) 4-Chloro-3-methylphenol	11.996	107	18657	3.925	ng		93
37) 2-Methylnaphthalene	12.372	142	40231	4.058	ng		98
38) 1-Methylnaphthalene	12.589	142	39102	3.928	ng		91
40) 1,2,4,5-Tetrachloroben...	12.742	216	26391	4.048	ng		97
41) Hexachlorocyclopentadiene	12.724	237	5964	3.206	ng		98
43) 2,4,6-Trichlorophenol	12.977	196	14874	3.599	ng		94

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44) 2,4,5-Trichlorophenol	13.053	196	17957	3.837	ng		98
46) 1,1'-Biphenyl	13.377	154	58963	4.077	ng		97
47) 2-Chloronaphthalene	13.424	162	45946	3.920	ng		97
48) 2-Nitroaniline	13.617	65	10721	3.478	ng		98
49) Acenaphthylene	14.270	152	72761	4.192	ng		98
50) Dimethylphthalate	13.999	163	64255	4.053	ng	#	97
51) 2,6-Dinitrotoluene	14.117	165	9809	3.271	ng		92
52) Acenaphthene	14.610	154	44324	4.085	ng		100
53) 3-Nitroaniline	14.446	138	10543	3.634	ng	#	99
54) 2,4-Dinitrophenol	14.657	184	2901	1.724	ng	#	86
55) Dibenzofuran	14.945	168	78283	4.207	ng		95
56) 4-Nitrophenol	14.757	139	8265	3.361	ng		89
57) 2,4-Dinitrotoluene	14.904	165	14177	3.465	ng	#	90
58) Fluorene	15.597	166	60303	4.129	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.174	232	18242	4.114	ng	#	97
60) Diethylphthalate	15.362	149	63194	4.022	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	35960	4.289	ng		96
62) 4-Nitroaniline	15.603	138	11360	3.551	ng		91
63) Azobenzene	15.879	77	58496	3.965	ng		95
65) 4,6-Dinitro-2-methylph...	15.668	198	7037	2.673	ng		92
66) n-Nitrosodiphenylamine	15.803	169	55372	3.904	ng		98
67) 4-Bromophenyl-phenylether	16.485	248	24758	4.067	ng	#	93
68) Hexachlorobenzene	16.596	284	28440	3.944	ng		97
69) Atrazine	16.743	200	23422	4.862	ng		95
70) Pentachlorophenol	16.949	266	10630	2.302	ng		98
71) Phenanthrene	17.331	178	117284	4.260	ng		97
72) Anthracene	17.419	178	112464	4.154	ng		96
73) Carbazole	17.689	167	97789	3.929	ng		98
74) Di-n-butylphthalate	18.259	149	106944	3.810	ng		99
75) Fluoranthene	19.346	202	140917	4.047	ng		99
77) Benzidine	19.522	184	49350	4.516	ng		99
78) Pyrene	19.704	202	151274	3.925	ng		100
80) Butylbenzylphthalate	20.603	149	37150	3.282	ng		94
81) Benzo(a)anthracene	21.514	228	155976	4.079	ng		99
82) 3,3'-Dichlorobenzidine	21.438	252	49229	3.952	ng		95
83) Chrysene	21.579	228	153402	4.188	ng		97
84) Bis(2-ethylhexyl)phtha...	21.438	149	60945	3.544	ng		97
85) Di-n-octyl phthalate	22.601	149	99459	3.303	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.065	276	171442	3.980	ng	#	91
88) Benzo(b)fluoranthene	23.635	252	141745	3.820	ng		99
89) Benzo(k)fluoranthene	23.700	252	145807	4.017	ng		99
90) Benzo(a)pyrene	24.458	252	133242	4.065	ng		99
91) Dibenzo(a,h)anthracene	28.130	278	141026	3.975	ng		98
92) Benzo(g,h,i)perylene	29.140	276	133476	3.731	ng		99

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

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