Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062626.D
Acq On : 3 Sep 2024 15:09
Operator : MA/JU
Sample : P3390-08
Misc : LOQ--WATER-5ng
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 04 04:56:52 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 :
LOQ-WATER-02-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	7.923	152	58653	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	254618	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	207980	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	575465	20.000	ng		0.00
76) Chrysene-d12	21.537	240	586832	20.000	ng		0.00
86) Perylene-d12	24.609	264	647475	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	393567	115.986	ng		0.00
7) Phenol-d6	7.089	99	546044	111.393	ng		0.00
23) Nitrobenzene-d5	9.075	82	430490	91.056	ng		0.00
42) 2,4,6-Tribromophenol	16.037	330	377952	129.129	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	1173711	91.411	ng		0.00
79) Terphenyl-d14	19.909	244	2464093	83.259	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	7443	5.265	ng		94
3) Pyridine	3.804	79	19177	4.708	ng		94
4) n-Nitrosodimethylamine	3.722	42	9844	4.972	ng	#	92
6) Aniline	7.247	93	26738	5.838	ng		95
8) 2-Chlorophenol	7.488	128	18013	4.945	ng		94
9) Benzaldehyde	7.059	77	20109	7.052	ng		98
10) Phenol	7.112	94	25017	5.041	ng		87
11) bis(2-Chloroethyl)ether	7.347	93	19279	5.074	ng		94
12) 1,3-Dichlorobenzene	7.812	146	20907	5.230	ng		95
13) 1,4-Dichlorobenzene	7.958	146	21140	5.138	ng		97
14) 1,2-Dichlorobenzene	8.276	146	20550	5.082	ng		94
15) Benzyl Alcohol	8.158	79	17319	4.775	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	35726	4.934	ng		96
17) 2-Methylphenol	8.364	107	15820	4.573	ng		97
18) Hexachloroethane	8.998	117	6834	4.430	ng		86
19) n-Nitroso-di-n-propyla...	8.716	70	18490	4.787	ng	#	93
20) 3+4-Methylphenols	8.687	107	23256	4.557	ng		91
22) Acetophenone	8.740	105	35688	5.196	ng	#	97
24) Nitrobenzene	9.116	77	27745	5.519	ng		92
25) Isophorone	9.639	82	54202	5.223	ng		99
26) 2-Nitrophenol	9.827	139	9261m	4.876	ng		
27) 2,4-Dimethylphenol	9.886	122	17479m	6.281	ng		
28) bis(2-Chloroethoxy)met...	10.121	93	28780	5.180	ng		92
29) 2,4-Dichlorophenol	10.361	162	18336	4.712	ng		98
30) 1,2,4-Trichlorobenzene	10.579	180	22841	4.952	ng		99
31) Naphthalene	10.767	128	66400	5.261	ng		98
32) Benzoic acid	9.950	122	9339m	3.120	ng		
33) 4-Chloroaniline	10.873	127	26537	5.343	ng		94
34) Hexachlorobutadiene	11.055	225	16434	5.101	ng		96
35) Caprolactam	11.613	113	7070	4.713	ng		89
36) 4-Chloro-3-methylphenol	11.995	107	22595	4.814	ng		93
37) 2-Methylnaphthalene	12.371	142	49026	5.009	ng		98
38) 1-Methylnaphthalene	12.588	142	49191	5.005	ng		95
40) 1,2,4,5-Tetrachloroben...	12.741	216	33933	5.425	ng		96
41) Hexachlorocyclopentadiene	12.729	237	6681	3.744	ng		84
43) 2,4,6-Trichlorophenol	12.976	196	20284	5.116	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	23381	5.207	ng		98
46) 1,1'-Biphenyl	13.381	154	78118	5.630	ng		98
47) 2-Chloronaphthalene	13.423	162	58847	5.233	ng		98
48) 2-Nitroaniline	13.622	65	14445	4.884	ng		98
49) Acenaphthylene	14.269	152	95199	5.717	ng		98
50) Dimethylphthalate	13.998	163	83364	5.482	ng		98
51) 2,6-Dinitrotoluene	14.116	165	13967	4.855	ng		94
52) Acenaphthene	14.609	154	54448	5.230	ng		93
53) 3-Nitroaniline	14.445	138	14037	5.043	ng		95
54) 2,4-Dinitrophenol	14.651	184	4902	3.037	ng	#	90
55) Dibenzofuran	14.944	168	99764	5.588	ng		97
56) 4-Nitrophenol	14.750	139	10755	4.559	ng		86
57) 2,4-Dinitrotoluene	14.903	165	18832	4.798	ng	#	98
58) Fluorene	15.591	166	78324	5.590	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.173	232	23080	5.426	ng	#	98
60) Diethylphthalate	15.361	149	80117	5.315	ng		99
61) 4-Chlorophenyl-phenyle...	15.591	204	44986	5.593	ng		98
62) 4-Nitroaniline	15.602	138	15304	4.987	ng		92
63) Azobenzene	15.879	77	75067	5.304	ng		95
65) 4,6-Dinitro-2-methylph...	15.667	198	9317	3.628	ng		92
66) n-Nitrosodiphenylamine	15.802	169	69935	5.055	ng		99
67) 4-Bromophenyl-phenylether	16.484	248	30396	5.118	ng		89
68) Hexachlorobenzene	16.595	284	37259	5.297	ng		96
69) Atrazine	16.748	200	30645	6.521	ng		97
70) Pentachlorophenol	16.948	266	15169	3.367	ng		96
71) Phenanthrene	17.330	178	148887	5.543	ng		99
72) Anthracene	17.424	178	139157	5.269	ng		97
73) Carbazole	17.688	167	123945	5.105	ng		99
74) Di-n-butylphthalate	18.258	149	136768	4.995	ng		99
75) Fluoranthene	19.345	202	184307	5.425	ng		97
77) Benzidine	19.521	184	52602	4.973	ng	#	93
78) Pyrene	19.703	202	193670	5.192	ng		99
80) Butylbenzylphthalate	20.602	149	49227	4.493	ng		97
81) Benzo(a)anthracene	21.519	228	196276	5.303	ng		98
82) 3,3'-Dichlorobenzidine	21.437	252	64967	5.388	ng		98
83) Chrysene	21.578	228	190612	5.376	ng		100
84) Bis(2-ethylhexyl)phtha...	21.437	149	80575	4.841	ng		100
85) Di-n-octyl phthalate	22.600	149	133436	4.578	ng		98
87) Indeno(1,2,3-cd)pyrene	28.064	276	219854	5.295	ng	#	92
88) Benzo(b)fluoranthene	23.634	252	187971	5.256	ng		99
89) Benzo(k)fluoranthene	23.699	252	182286	5.211	ng		100
90) Benzo(a)pyrene	24.457	252	169116	5.353	ng		98
91) Dibenzo(a,h)anthracene	28.129	278	179076	5.236	ng		97
92) Benzo(g,h,i)perylene	29.151	276	170766	4.952	ng		98

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

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