Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062627.D
Acq On : 3 Sep 2024 15:49
Operator : MA/JU
Sample : P3390-08
Misc : LOQ--WATER-5ng
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 04 04:57:41 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	7.926	152	65760	20.000	ng		0.00
21) Naphthalene-d8	10.717	136	288664	20.000	ng		0.00
39) Acenaphthene-d10	14.547	164	244213	20.000	ng		0.00
64) Phenanthrene-d10	17.291	188	662698	20.000	ng		0.00
76) Chrysene-d12	21.533	240	682049	20.000	ng		0.00
86) Perylene-d12	24.606	264	740093	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	366218	96.262	ng		0.00
7) Phenol-d6	7.091	99	511546	93.077	ng		0.00
23) Nitrobenzene-d5	9.077	82	404178	75.408	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	359928	104.726	ng		0.00
45) 2-Fluorobiphenyl	13.172	172	1119202	74.233	ng		0.00
79) Terphenyl-d14	19.912	244	2375996	69.074	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	8369	5.281	ng		96
3) Pyridine	3.807	79	18614	4.076	ng		96
4) n-Nitrosodimethylamine	3.719	42	9332	4.204	ng	#	95
6) Aniline	7.244	93	24694	4.809	ng		93
8) 2-Chlorophenol	7.491	128	17552	4.297	ng		98
9) Benzaldehyde	7.062	77	18083	5.656	ng		97
10) Phenol	7.115	94	23157	4.162	ng		87
11) bis(2-Chloroethyl)ether	7.344	93	18223	4.278	ng		97
12) 1,3-Dichlorobenzene	7.814	146	18947	4.227	ng		98
13) 1,4-Dichlorobenzene	7.961	146	19943m	4.324	ng		
14) 1,2-Dichlorobenzene	8.272	146	18347	4.046	ng		94
15) Benzyl Alcohol	8.161	79	16405	4.034	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.443	45	34244	4.218	ng		97
17) 2-Methylphenol	8.366	107	14584	3.760	ng		90
18) Hexachloroethane	9.001	117	6971	4.030	ng		94
19) n-Nitroso-di-n-propyla...	8.719	70	18086	4.176	ng		99
20) 3+4-Methylphenols	8.690	107	22029	3.850	ng		85
22) Acetophenone	8.736	105	32601	4.186	ng		97
24) Nitrobenzene	9.118	77	25284	4.437	ng	#	94
25) Isophorone	9.635	82	51070	4.341	ng	#	96
26) 2-Nitrophenol	9.829	139	8581	3.985	ng		93
27) 2,4-Dimethylphenol	9.888	122	15738m	4.988	ng		
28) bis(2-Chloroethoxy)met...	10.123	93	26376	4.188	ng	#	95
29) 2,4-Dichlorophenol	10.364	162	17789	4.032	ng		99
30) 1,2,4-Trichlorobenzene	10.576	180	22248	4.254	ng		99
31) Naphthalene	10.764	128	61626	4.307	ng		99
32) Benzoic acid	9.947	122	8741m	2.576	ng		
33) 4-Chloroaniline	10.875	127	24547	4.360	ng		96
34) Hexachlorobutadiene	11.057	225	15436	4.226	ng		95
35) Caprolactam	11.610	113	7221	4.246	ng		93
36) 4-Chloro-3-methylphenol	11.997	107	21283	4.000	ng		95
37) 2-Methylnaphthalene	12.373	142	47552	4.285	ng		95
38) 1-Methylnaphthalene	12.591	142	48246m	4.330	ng		
40) 1,2,4,5-Tetrachloroben...	12.738	216	32382	4.409	ng		99
41) Hexachlorocyclopentadiene	12.726	237	5877	2.805	ng		96
43) 2,4,6-Trichlorophenol	12.979	196	18903	4.060	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.049	196	19942	3.782	ng		93
46) 1,1'-Biphenyl	13.384	154	73751	4.527	ng		96
47) 2-Chloronaphthalene	13.425	162	56327	4.266	ng		97
48) 2-Nitroaniline	13.625	65	13707	3.947	ng		95
49) Acenaphthylene	14.271	152	88747	4.539	ng		100
50) Dimethylphthalate	13.995	163	79428	4.448	ng		99
51) 2,6-Dinitrotoluene	14.113	165	12404	3.672	ng		98
52) Acenaphthene	14.612	154	55678	4.555	ng		98
53) 3-Nitroaniline	14.447	138	13155	4.025	ng		88
54) 2,4-Dinitrophenol	14.653	184	4852	2.560	ng	#	79
55) Dibenzofuran	14.947	168	95953	4.577	ng		98
56) 4-Nitrophenol	14.753	139	10248	3.700	ng		95
57) 2,4-Dinitrotoluene	14.906	165	17403	3.776	ng		94
58) Fluorene	15.593	166	73067	4.441	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.170	232	22481	4.501	ng	#	96
60) Diethylphthalate	15.364	149	75841	4.285	ng		96
61) 4-Chlorophenyl-phenyle...	15.587	204	42624	4.513	ng		98
62) 4-Nitroaniline	15.605	138	14386	3.992	ng		89
63) Azobenzene	15.881	77	71243	4.287	ng		97
65) 4,6-Dinitro-2-methylph...	15.664	198	8730	2.952	ng		95
66) n-Nitrosodiphenylamine	15.799	169	67200	4.218	ng		99
67) 4-Bromophenyl-phenylether	16.480	248	29935	4.377	ng		96
68) Hexachlorobenzene	16.598	284	35443	4.376	ng		96
69) Atrazine	16.745	200	28652	5.294	ng		95
70) Pentachlorophenol	16.945	266	15515	2.991	ng		95
71) Phenanthrene	17.332	178	142514	4.607	ng		99
72) Anthracene	17.420	178	133095	4.376	ng		98
73) Carbazole	17.691	167	121148	4.333	ng		97
74) Di-n-butylphthalate	18.255	149	128699	4.082	ng		100
75) Fluoranthene	19.342	202	170941	4.370	ng		99
77) Benzidine	19.524	184	41906	3.409	ng		97
78) Pyrene	19.706	202	182662	4.213	ng		98
80) Butylbenzylphthalate	20.599	149	47080	3.697	ng		94
81) Benzo(a)anthracene	21.516	228	189311	4.401	ng		98
82) 3,3'-Dichlorobenzidine	21.439	252	61878	4.415	ng		98
83) Chrysene	21.580	228	181143	4.396	ng		97
84) Bis(2-ethylhexyl)phtha...	21.439	149	77909	4.027	ng		98
85) Di-n-octyl phthalate	22.597	149	124657	3.680	ng		100
87) Indeno(1,2,3-cd)pyrene	28.067	276	210540	4.437	ng		98
88) Benzo(b)fluoranthene	23.637	252	175315	4.289	ng		98
89) Benzo(k)fluoranthene	23.701	252	175960	4.400	ng		99
90) Benzo(a)pyrene	24.459	252	158036	4.376	ng		97
91) Dibenzo(a,h)anthracene	28.126	278	172950	4.424	ng		96
92) Benzo(g,h,i)perylene	29.136	276	164501	4.173	ng		96

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

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