Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062641.D
Acq On : 4 Sep 2024 13:15
Operator : MA/JU
Sample : P3390-08
Misc : LOQ-WATER-10 ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 13:48:34 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	47756	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	209365	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	182670	20.000	ng		0.00
64) Phenanthrene-d10	17.290	188	478475	20.000	ng		0.00
76) Chrysene-d12	21.538	240	504591	20.000	ng		0.00
86) Perylene-d12	24.605	264	562544	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.497	112	337740	122.246	ng		0.00
7) Phenol-d6	7.084	99	488116	122.296	ng		0.00
23) Nitrobenzene-d5	9.076	82	349002	89.776	ng		0.00
42) 2,4,6-Tribromophenol	16.038	330	333231	129.624	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	949818	84.223	ng		0.00
79) Terphenyl-d14	19.910	244	2030251	79.781	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	13899	12.076	ng		99
3) Pyridine	3.799	79	34424	10.381	ng		96
4) n-Nitrosodimethylamine	3.717	42	17676	10.964	ng	#	93
6) Aniline	7.242	93	48374	12.972	ng		95
8) 2-Chlorophenol	7.483	128	30775	10.375	ng		91
9) Benzaldehyde	7.054	77	33052m	14.236	ng		
10) Phenol	7.107	94	43118	10.671	ng		93
11) bis(2-Chloroethyl)ether	7.342	93	34040	11.004	ng		93
12) 1,3-Dichlorobenzene	7.812	146	35587	10.933	ng		95
13) 1,4-Dichlorobenzene	7.959	146	35551	10.613	ng		94
14) 1,2-Dichlorobenzene	8.277	146	34431	10.457	ng		98
15) Benzyl Alcohol	8.153	79	31576	10.692	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.435	45	62719	10.638	ng		99
17) 2-Methylphenol	8.359	107	28502	10.120	ng		98
18) Hexachloroethane	8.999	117	12440	9.904	ng		96
19) n-Nitroso-di-n-propyla...	8.717	70	29940	9.520	ng		96
20) 3+4-Methylphenols	8.682	107	38703	9.314	ng		98
22) Acetophenone	8.735	105	58748	10.401	ng	#	98
24) Nitrobenzene	9.117	77	43044	10.414	ng		98
25) Isophorone	9.634	82	87705	10.278	ng	#	94
26) 2-Nitrophenol	9.822	139	16727	10.710	ng		92
27) 2,4-Dimethylphenol	9.886	122	24947	10.902	ng		97
28) bis(2-Chloroethoxy)met...	10.121	93	49497	10.835	ng		96
29) 2,4-Dichlorophenol	10.362	162	35686	11.153	ng		94
30) 1,2,4-Trichlorobenzene	10.574	180	42186	11.122	ng		99
31) Naphthalene	10.762	128	112808	10.871	ng		99
32) Benzoic acid	9.957	122	18807m	7.641	ng		
33) 4-Chloroaniline	10.868	127	46145	11.299	ng		98
34) Hexachlorobutadiene	11.056	225	26922	10.163	ng		93
35) Caprolactam	11.614	113	12233	9.918	ng		96
36) 4-Chloro-3-methylphenol	11.990	107	38453	9.963	ng		95
37) 2-Methylnaphthalene	12.372	142	83753	10.406	ng		98
38) 1-Methylnaphthalene	12.589	142	80281	9.933	ng		98
40) 1,2,4,5-Tetrachloroben...	12.736	216	58431	10.636	ng		98
41) Hexachlorocyclopentadiene	12.718	237	18537	11.827	ng		97
43) 2,4,6-Trichlorophenol	12.977	196	36527	10.489	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	37107	9.409	ng		97
46) 1,1'-Biphenyl	13.377	154	128353	10.532	ng		98
47) 2-Chloronaphthalene	13.424	162	98620	9.985	ng		98
48) 2-Nitroaniline	13.617	65	26651	10.259	ng	#	85
49) Acenaphthylene	14.270	152	161687	11.055	ng		100
50) Dimethylphthalate	13.999	163	141780	10.614	ng		98
51) 2,6-Dinitrotoluene	14.117	165	26143	10.347	ng		89
52) Acenaphthene	14.610	154	91255	9.981	ng		98
53) 3-Nitroaniline	14.446	138	26761	10.947	ng		99
54) 2,4-Dinitrophenol	14.651	184	10171	7.174	ng	#	88
55) Dibenzofuran	14.945	168	164857	10.514	ng		97
56) 4-Nitrophenol	14.757	139	19525	9.424	ng		97
57) 2,4-Dinitrotoluene	14.904	165	35807	10.387	ng		96
58) Fluorene	15.592	166	128735	10.461	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.169	232	40234	10.769	ng	#	96
60) Diethylphthalate	15.362	149	136469	10.308	ng		96
61) 4-Chlorophenyl-phenyle...	15.586	204	75712	10.717	ng		99
62) 4-Nitroaniline	15.603	138	28378	10.528	ng		97
63) Azobenzene	15.879	77	124088	9.982	ng		99
65) 4,6-Dinitro-2-methylph...	15.668	198	19340	9.057	ng		100
66) n-Nitrosodiphenylamine	15.803	169	115637	10.052	ng		95
67) 4-Bromophenyl-phenylether	16.485	248	51662	10.462	ng		91
68) Hexachlorobenzene	16.602	284	59150	10.114	ng		93
69) Atrazine	16.749	200	51962	13.299	ng		98
70) Pentachlorophenol	16.943	266	28550m	7.622	ng		
71) Phenanthrene	17.331	178	244453	10.946	ng		100
72) Anthracene	17.425	178	251265	11.443	ng		99
73) Carbazole	17.689	167	216667	10.733	ng		98
74) Di-n-butylphthalate	18.259	149	233309	10.248	ng		100
75) Fluoranthene	19.346	202	303610	10.749	ng		99
77) Benzidine	19.522	184	138277	15.204	ng		99
78) Pyrene	19.704	202	325207	10.139	ng		98
80) Butylbenzylphthalate	20.597	149	87408	9.278	ng		99
81) Benzo(a)anthracene	21.514	228	342968	10.776	ng		98
82) 3,3'-Dichlorobenzidine	21.438	252	116889	11.274	ng		100
83) Chrysene	21.579	228	331431	10.872	ng		98
84) Bis(2-ethylhexyl)phtha...	21.438	149	137959	9.639	ng	#	98
85) Di-n-octyl phthalate	22.601	149	233800	9.329	ng		100
87) Indeno(1,2,3-cd)pyrene	28.065	276	386484	10.714	ng		98
88) Benzo(b)fluoranthene	23.635	252	316763	10.195	ng		98
89) Benzo(k)fluoranthene	23.700	252	334620	11.009	ng		99
90) Benzo(a)pyrene	24.458	252	297736	10.847	ng		98
91) Dibenzo(a,h)anthracene	28.124	278	313097	10.537	ng		98
92) Benzo(g,h,i)perylene	29.146	276	299503	9.996	ng		96

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

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