Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062646.D
Acq On : 4 Sep 2024 17:00
Operator : MA/JU
Sample : P2403-08
Misc : LOQ-WATER-10 ng
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2024

Quant Time: Sep 04 18:16:21 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	7.919	152	48601	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	199707	20.000	ng		0.00
39) Acenaphthene-d10	14.547	164	169425	20.000	ng		0.00
64) Phenanthrene-d10	17.291	188	457826	20.000	ng		0.00
76) Chrysene-d12	21.533	240	503618	20.000	ng		0.00
86) Perylene-d12	24.600	264	561714	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	314377	111.811	ng		0.00
7) Phenol-d6	7.085	99	441353	108.657	ng		0.00
23) Nitrobenzene-d5	9.071	82	310641	83.773	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	290604	121.880	ng		0.00
45) 2-Fluorobiphenyl	13.166	172	831274	79.474	ng		0.00
79) Terphenyl-d14	19.905	244	1873585	73.766	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	13989	11.943	ng		94
3) Pyridine	3.807	79	30349	8.993	ng		98
4) n-Nitrosodimethylamine	3.718	42	16190	9.868	ng	#	92
6) Aniline	7.244	93	40841	10.762	ng		92
8) 2-Chlorophenol	7.485	128	28971	9.597	ng		96
9) Benzaldehyde	7.056	77	29254m	12.381	ng		
10) Phenol	7.109	94	38088	9.263	ng		90
11) bis(2-Chloroethyl)ether	7.344	93	30328	9.633	ng		95
12) 1,3-Dichlorobenzene	7.814	146	32126	9.698	ng		96
13) 1,4-Dichlorobenzene	7.955	146	31626	9.277	ng		96
14) 1,2-Dichlorobenzene	8.272	146	32087	9.575	ng		98
15) Benzyl Alcohol	8.160	79	27385	9.112	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.436	45	53547	8.924	ng		97
17) 2-Methylphenol	8.360	107	24290	8.474	ng		95
18) Hexachloroethane	9.000	117	11278	8.823	ng		85
19) n-Nitroso-di-n-propyla...	8.718	70	25498	7.966	ng		98
20) 3+4-Methylphenols	8.683	107	33793	7.991	ng		92
22) Acetophenone	8.736	105	51272	9.517	ng	#	97
24) Nitrobenzene	9.118	77	39076	9.911	ng		98
25) Isophorone	9.635	82	74777	9.187	ng		99
26) 2-Nitrophenol	9.823	139	14286	9.590	ng		93
27) 2,4-Dimethylphenol	9.888	122	19812	9.076	ng		98
28) bis(2-Chloroethoxy)met...	10.117	93	41782	9.589	ng		98
29) 2,4-Dichlorophenol	10.358	162	30139	9.875	ng		96
30) 1,2,4-Trichlorobenzene	10.575	180	36207	10.007	ng		99
31) Naphthalene	10.763	128	95070	9.604	ng		98
32) Benzoic acid	9.958	122	20242m	8.622	ng		
33) 4-Chloroaniline	10.869	127	38529	9.891	ng		96
34) Hexachlorobutadiene	11.051	225	25061	9.918	ng		93
35) Caprolactam	11.609	113	10987	9.338	ng		89
36) 4-Chloro-3-methylphenol	11.991	107	33591	9.125	ng		98
37) 2-Methylnaphthalene	12.367	142	74695	9.729	ng		97
38) 1-Methylnaphthalene	12.590	142	72617	9.420	ng		98
40) 1,2,4,5-Tetrachloroben...	12.737	216	50387	9.889	ng		99
41) Hexachlorocyclopentadiene	12.720	237	15476	10.646	ng		94
43) 2,4,6-Trichlorophenol	12.978	196	29733m	9.205	ng		

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.049	196	33126	9.056	ng		97
46)	1,1'-Biphenyl	13.378	154	111660	9.879	ng		94
47)	2-Chloronaphthalene	13.419	162	85315	9.313	ng		98
48)	2-Nitroaniline	13.619	65	21732	9.020	ng		91
49)	Acenaphthylene	14.265	152	138893	10.238	ng		97
50)	Dimethylphthalate	13.995	163	120856	9.755	ng		97
51)	2,6-Dinitrotoluene	14.112	165	21831	9.316	ng		99
52)	Acenaphthene	14.606	154	78915	9.306	ng		98
53)	3-Nitroaniline	14.441	138	21698	9.570	ng		91
54)	2,4-Dinitrophenol	14.653	184	9910	7.536	ng		91
55)	Dibenzofuran	14.941	168	141798	9.750	ng		97
56)	4-Nitrophenol	14.753	139	18203	9.473	ng		91
57)	2,4-Dinitrotoluene	14.905	165	29669	9.280	ng	#	93
58)	Fluorene	15.593	166	111027	9.728	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.170	232	35421	10.222	ng	#	95
60)	Diethylphthalate	15.358	149	116869	9.518	ng		98
61)	4-Chlorophenyl-phenyle...	15.587	204	64685	9.872	ng		96
62)	4-Nitroaniline	15.605	138	24430	9.772	ng		87
63)	Azobenzene	15.875	77	107967	9.364	ng		98
65)	4,6-Dinitro-2-methylph...	15.663	198	17064	8.352	ng		92
66)	n-Nitrosodiphenylamine	15.798	169	102432	9.306	ng		100
67)	4-Bromophenyl-phenylether	16.480	248	42853	9.069	ng		93
68)	Hexachlorobenzene	16.597	284	52880	9.450	ng		98
69)	Atrazine	16.744	200	44016	11.773	ng		99
70)	Pentachlorophenol	16.938	266	30171	8.418	ng		96
71)	Phenanthrene	17.332	178	210076	9.831	ng		98
72)	Anthracene	17.420	178	213084	10.142	ng		98
73)	Carbazole	17.690	167	186835	9.673	ng		99
74)	Di-n-butylphthalate	18.254	149	204685	9.397	ng		99
75)	Fluoranthene	19.341	202	272823	10.094	ng		98
77)	Benzidine	19.523	184	126619	13.949	ng		98
78)	Pyrene	19.700	202	295917	9.244	ng		97
80)	Butylbenzylphthalate	20.599	149	79009	8.402	ng		98
81)	Benzo(a)anthracene	21.515	228	310849	9.786	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	105311	10.177	ng		96
83)	Chrysene	21.574	228	300606	9.880	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.433	149	122766	8.594	ng		95
85)	Di-n-octyl phthalate	22.596	149	205802	8.228	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.061	276	351259	9.752	ng	#	92
88)	Benzo(b)fluoranthene	23.630	252	287305	9.260	ng		96
89)	Benzo(k)fluoranthene	23.695	252	301220	9.925	ng		99
90)	Benzo(a)pyrene	24.459	252	271523	9.906	ng		99
91)	Dibenzo(a,h)anthracene	28.119	278	292104	9.845	ng		98
92)	Benzo(g,h,i)perylene	29.130	276	271882	9.087	ng		98

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

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