Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082724\
Data File : BG062581.D
Acq On : 27 Aug 2024 16:28
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Quant Time: Aug 28 00:49:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 28 00:44:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	61910	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	251010	20.000	ng		0.00
39) Acenaphthene-d10	14.553	164	187505	20.000	ng		0.00
64) Phenanthrene-d10	17.297	188	492970	20.000	ng		0.00
76) Chrysene-d12	21.545	240	507342	20.000	ng		0.00
86) Perylene-d12	24.624	264	562633	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.517	112	68920	19.970	ng		0.00
7) Phenol-d6	7.097	99	95281	19.383	ng		0.00
23) Nitrobenzene-d5	9.083	82	66714	17.639	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	39244	18.947	ng		0.00
45) 2-Fluorobiphenyl	13.178	172	235371	20.641	ng		0.00
79) Terphenyl-d14	19.912	244	520319	21.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	16478	10.023	ng	#	93
3) Pyridine	3.825	79	43227m	9.681	ng		
4) n-Nitrosodimethylamine	3.742	42	22548	9.462	ng	#	88
6) Aniline	7.256	93	46617	10.048	ng		97
8) 2-Chlorophenol	7.497	128	36512	9.820	ng		98
9) Benzaldehyde	7.074	77	35946m	11.583	ng		
10) Phenol	7.127	94	49137	9.631	ng		97
11) bis(2-Chloroethyl)ether	7.350	93	42457	10.234	ng		93
12) 1,3-Dichlorobenzene	7.820	146	43229	9.929	ng		96
13) 1,4-Dichlorobenzene	7.967	146	43571	9.822	ng		98
14) 1,2-Dichlorobenzene	8.284	146	42014	9.679	ng		98
15) Benzyl Alcohol	8.167	79	30301	8.854	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.460	45	73886m	9.377	ng		
17) 2-Methylphenol	8.372	107	31068	9.117	ng		98
18) Hexachloroethane	9.013	117	13041	8.811	ng	#	88
19) n-Nitroso-di-n-propyla...	8.731	70	30823	9.363	ng		92
20) 3+4-Methylphenols	8.695	107	42773	9.179	ng		97
22) Acetophenone	8.748	105	67145	10.720	ng	#	96
24) Nitrobenzene	9.124	77	36125	8.820	ng		93
25) Isophorone	9.647	82	88424	9.638	ng		99
26) 2-Nitrophenol	9.841	139	9937	9.495	ng		95
27) 2,4-Dimethylphenol	9.900	122	22106	9.220	ng		97
28) bis(2-Chloroethoxy)met...	10.135	93	51148	9.618	ng		97
29) 2,4-Dichlorophenol	10.376	162	32625	9.191	ng		95
30) 1,2,4-Trichlorobenzene	10.587	180	43162	9.954	ng		94
31) Naphthalene	10.775	128	124803	9.961	ng		97
32) Benzoic acid	9.976	122	14888m	7.533	ng		
33) 4-Chloroaniline	10.881	127	43721	9.606	ng		95
34) Hexachlorobutadiene	11.063	225	29748	10.516	ng		91
35) Caprolactam	11.627	113	8534	8.918	ng		91
36) 4-Chloro-3-methylphenol	12.003	107	38462	10.000	ng		95
37) 2-Methylnaphthalene	12.379	142	87680	10.387	ng		97
38) 1-Methylnaphthalene	12.597	142	89052	10.543	ng		98
40) 1,2,4,5-Tetrachloroben...	12.750	216	53553	10.028	ng		100
41) Hexachlorocyclopentadiene	12.732	237	11379	8.475	ng		97
43) 2,4,6-Trichlorophenol	12.985	196	27356	8.950	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.055	196	34570	9.597	ng		95
46) 1,1'-Biphenyl	13.390	154	126182	10.058	ng		94
47) 2-Chloronaphthalene	13.431	162	99552	9.942	ng		96
48) 2-Nitroaniline	13.631	65	14153	9.775	ng		97
49) Acenaphthylene	14.277	152	150778	9.877	ng		100
50) Dimethylphthalate	14.007	163	115865	9.509	ng		98
51) 2,6-Dinitrotoluene	14.124	165	16647	10.315	ng		97
52) Acenaphthene	14.618	154	93046m	9.880	ng		
53) 3-Nitroaniline	14.453	138	15247	7.537	ng	#	88
54) 2,4-Dinitrophenol	14.665	184	7688	6.935	ng	#	84
55) Dibenzofuran	14.953	168	164569	10.191	ng		99
56) 4-Nitrophenol	14.765	139	14178	7.417	ng		89
57) 2,4-Dinitrotoluene	14.912	165	21304	7.652	ng		96
58) Fluorene	15.599	166	131300	10.354	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.182	232	30378	9.264	ng		99
60) Diethylphthalate	15.370	149	103430	8.858	ng		99
61) 4-Chlorophenyl-phenyle...	15.599	204	69133	10.259	ng		95
62) 4-Nitroaniline	15.617	138	17826	7.940	ng		86
63) Azobenzene	15.887	77	136416	10.281	ng		98
65) 4,6-Dinitro-2-methylph...	15.676	198	11956	7.169	ng		94
66) n-Nitrosodiphenylamine	15.805	169	115210	9.622	ng		100
67) 4-Bromophenyl-phenylether	16.492	248	45878	9.668	ng		98
68) Hexachlorobenzene	16.610	284	55175	10.063	ng		96
69) Atrazine	16.757	200	35559	10.918	ng		97
70) Pentachlorophenol	16.950	266	28357	8.629	ng		98
71) Phenanthrene	17.338	178	243385	10.252	ng		99
72) Anthracene	17.432	178	231369	9.961	ng		99
73) Carbazole	17.697	167	216941	10.067	ng		97
74) Di-n-butylphthalate	18.267	149	165967	8.803	ng		99
75) Fluoranthene	19.354	202	306258	10.305	ng		98
77) Benzidine	19.530	184	47699	9.708	ng		99
78) Pyrene	19.712	202	329249	10.207	ng		98
80) Butylbenzylphthalate	20.605	149	44529	10.436	ng		94
81) Benzo(a)anthracene	21.527	228	323970	10.026	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	76651	8.968	ng		99
83) Chrysene	21.592	228	321695	10.175	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	83564	8.184	ng		98
85) Di-n-octyl phthalate	22.614	149	143845	7.461	ng		97
87) Indeno(1,2,3-cd)pyrene	28.090	276	341079	9.613	ng	#	94
88) Benzo(b)fluoranthene	23.648	252	310109	9.841	ng		98
89) Benzo(k)fluoranthene	23.713	252	304441	9.737	ng		99
90) Benzo(a)pyrene	24.477	252	268285	9.684	ng		98
91) Dibenzo(a,h)anthracene	28.155	278	282632	9.639	ng		98
92) Benzo(g,h,i)perylene	29.171	276	289944	9.727	ng		94

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

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