Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057578.D
Acq On : 26 May 2023 9:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: May 26 10:25:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.357	152	18215	20.000	ng		0.00
21) Naphthalene-d8	11.195	136	78434	20.000	ng		0.00
39) Acenaphthene-d10	14.972	164	63102	20.000	ng		0.00
64) Phenanthrene-d10	17.715	188	151843	20.000	ng		0.00
76) Chrysene-d12	22.021	240	125467	20.000	ng		0.00
86) Perylene-d12	25.528	264	134312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.872	112	82647	77.616	ng		0.00
7) Phenol-d6	7.505	99	136489	84.410	ng		0.00
23) Nitrobenzene-d5	9.538	82	143831	76.965	ng		0.00
42) 2,4,6-Tribromophenol	16.458	330	77915	87.022	ng		0.00
45) 2-Fluorobiphenyl	13.597	172	374689	79.971	ng		0.00
79) Terphenyl-d14	20.282	244	612939	79.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	15595	35.421	ng		95
3) Pyridine	4.092	79	53490	37.804	ng		97
4) n-Nitrosodimethylamine	4.004	42	22383	33.663	ng	#	89
6) Aniline	7.670	93	86127	41.987	ng		96
8) 2-Chlorophenol	7.917	128	46774	41.571	ng		97
9) Benzaldehyde	7.482	77	32538	37.509	ng		97
10) Phenol	7.529	94	64809	41.116	ng		99
11) bis(2-Chloroethyl)ether	7.758	93	47359	39.844	ng		93
12) 1,3-Dichlorobenzene	8.246	146	50285	40.492	ng		93
13) 1,4-Dichlorobenzene	8.392	146	49936	40.032	ng		97
14) 1,2-Dichlorobenzene	8.716	146	49803	41.358	ng		98
15) Benzyl Alcohol	8.592	79	57218	42.476	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.874	45	59349	39.616	ng		97
17) 2-Methylphenol	8.798	107	49701	43.741	ng		97
18) Hexachloroethane	9.450	117	17938	39.848	ng		92
19) n-Nitroso-di-n-propyla...	9.156	70	50729	41.144	ng		98
20) 3+4-Methylphenols	9.127	107	70710	45.448	ng		94
22) Acetophenone	9.185	105	88149	39.267	ng	#	94
24) Nitrobenzene	9.579	77	71047	37.667	ng		95
25) Isophorone	10.102	82	141436	39.030	ng		97
26) 2-Nitrophenol	10.302	139	31880	44.156	ng		94
27) 2,4-Dimethylphenol	10.343	122	54180	42.856	ng		97
28) bis(2-Chloroethoxy)met...	10.572	93	72628	40.006	ng		98
29) 2,4-Dichlorophenol	10.842	162	58026	43.275	ng		99
30) 1,2,4-Trichlorobenzene	11.054	180	59632	38.558	ng		94
31) Naphthalene	11.247	128	173420	41.358	ng		99
32) Benzoic acid	10.501	122	33113	45.675	ng		90
33) 4-Chloroaniline	11.347	127	81444	43.250	ng		96
34) Hexachlorobutadiene	11.512	225	41833	36.453	ng		98
35) Caprolactam	12.129	113	20274	44.264	ng		93
36) 4-Chloro-3-methylphenol	12.452	107	68577	45.004	ng		97
37) 2-Methylnaphthalene	12.828	142	140162	42.514	ng		94
38) 1-Methylnaphthalene	13.039	142	131248	42.236	ng		100
40) 1,2,4,5-Tetrachloroben...	13.186	216	88806	39.642	ng		99
41) Hexachlorocyclopentadiene	13.157	237	29716	31.720	ng		99
43) 2,4,6-Trichlorophenol	13.427	196	57874	42.405	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.509	196	66502	41.424	ng		98
46) 1,1'-Biphenyl	13.809	154	189002	40.364	ng		99
47) 2-Chloronaphthalene	13.861	162	141525	40.645	ng		99
48) 2-Nitroaniline	14.061	65	48290	40.788	ng		93
49) Acenaphthylene	14.702	152	236557	41.818	ng		99
50) Dimethylphthalate	14.408	163	202813	39.112	ng		99
51) 2,6-Dinitrotoluene	14.543	165	44795	42.310	ng		88
52) Acenaphthene	15.036	154	145053	41.035	ng		100
53) 3-Nitroaniline	14.878	138	44836	42.272	ng	#	90
54) 2,4-Dinitrophenol	15.101	184	26547	42.917	ng		96
55) Dibenzofuran	15.371	168	243258	40.958	ng		99
56) 4-Nitrophenol	15.195	139	28161	39.920	ng		88
57) 2,4-Dinitrotoluene	15.336	165	63629	42.052	ng		90
58) Fluorene	16.017	166	200034	40.889	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.600	232	59654	40.986	ng		98
60) Diethylphthalate	15.753	149	202498	38.454	ng		99
61) 4-Chlorophenyl-phenyle...	15.988	204	115422	39.164	ng		95
62) 4-Nitroaniline	16.041	138	44733	41.806	ng		92
63) Azobenzene	16.288	77	189015	37.201	ng		96
65) 4,6-Dinitro-2-methylph...	16.106	198	39938	44.054	ng		96
66) n-Nitrosodiphenylamine	16.205	169	173083	41.969	ng		98
67) 4-Bromophenyl-phenylether	16.887	248	76961	41.519	ng		99
68) Hexachlorobenzene	17.022	284	76247	42.329	ng		97
69) Atrazine	17.139	200	64950	41.285	ng		98
70) Pentachlorophenol	17.369	266	43368	41.776	ng		97
71) Phenanthrene	17.756	178	321667	41.342	ng		99
72) Anthracene	17.850	178	325975	40.830	ng		99
73) Carbazole	18.115	167	275970	41.060	ng		99
74) Di-n-butylphthalate	18.626	149	319784	41.353	ng		98
75) Fluoranthene	19.748	202	373547	38.601	ng		98
77) Benzidine	19.912	184	103038	36.734	ng		98
78) Pyrene	20.106	202	376606	41.307	ng		99
80) Butylbenzylphthalate	20.952	149	133513	46.153	ng		97
81) Benzo(a)anthracene	22.003	228	354847	39.696	ng		99
82) 3,3'-Dichlorobenzidine	21.898	252	117384	40.997	ng		98
83) Chrysene	22.074	228	334489	39.770	ng		99
84) Bis(2-ethylhexyl)phtha...	21.839	149	185329	43.300	ng		100
85) Di-n-octyl phthalate	23.131	149	310213	43.475	ng		98
87) Indeno(1,2,3-cd)pyrene	29.605	276	391203	39.964	ng	#	95
88) Benzo(b)fluoranthene	24.406	252	340023	38.728	ng		98
89) Benzo(k)fluoranthene	24.477	252	337874	37.870	ng		99
90) Benzo(a)pyrene	25.369	252	332795	38.798	ng		97
91) Dibenzo(a,h)anthracene	29.646	278	327071	40.121	ng		98
92) Benzo(g,h,i)perylene	30.874	276	322965	40.574	ng		99

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

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