Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
Data File : BG049853.D
Acq On : 16 Aug 2021 16:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 16 18:23:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:23:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	31520	20.000	ng		0.00
21) Naphthalene-d8	10.848	136	126802	20.000	ng		0.00
39) Acenaphthene-d10	14.684	164	83737	20.000	ng		0.00
64) Phenanthrene-d10	17.439	188	184056	20.000	ng	#	0.00
76) Chrysene-d12	21.721	240	175263	20.000	ng		0.00
86) Perylene-d12	24.987	264	186074	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.578	112	131686	74.893	ng		0.00
7) Phenol-d6	7.194	99	192402	72.287	ng		0.00
23) Nitrobenzene-d5	9.197	82	195318	68.162	ng		0.00
42) 2,4,6-Tribromophenol	16.176	330	88612	71.994	ng		0.00
45) 2-Fluorobiphenyl	13.303	172	410067	71.256	ng		0.00
79) Terphenyl-d14	20.047	244	697367	72.266	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	30322	39.463	ng		93
3) Pyridine	3.851	79	75754	35.967	ng		91
4) n-Nitrosodimethylamine	3.769	42	40078	35.387	ng	#	85
6) Aniline	7.352	93	101763	36.075	ng	#	97
8) 2-Chlorophenol	7.593	128	72046	37.582	ng		97
9) Benzaldehyde	7.164	77	67589	38.057	ng	#	84
10) Phenol	7.217	94	94577	36.672	ng		92
11) bis(2-Chloroethyl)ether	7.440	93	64334	36.945	ng		91
12) 1,3-Dichlorobenzene	7.916	146	79650	36.277	ng		99
13) 1,4-Dichlorobenzene	8.063	146	80713	36.317	ng		95
14) 1,2-Dichlorobenzene	8.386	146	76480	36.325	ng		96
15) Benzyl Alcohol	8.269	79	80742	36.121	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.563	45	67902	34.318	ng		95
17) 2-Methylphenol	8.474	107	62604	36.863	ng		93
18) Hexachloroethane	9.115	117	32488	38.027	ng		95
19) n-Nitroso-di-n-propyla...	8.839	70	64193	36.040	ng	#	81
20) 3+4-Methylphenols	8.809	107	88349	37.041	ng		99
22) Acetophenone	8.856	105	118399	34.369	ng	#	97
24) Nitrobenzene	9.244	77	101565	33.590	ng		99
25) Isophorone	9.767	82	169039	33.059	ng		99
26) 2-Nitrophenol	9.961	139	42102	36.486	ng		94
27) 2,4-Dimethylphenol	10.019	122	59402	34.829	ng		98
28) bis(2-Chloroethoxy)met...	10.248	93	77937	34.843	ng	#	90
29) 2,4-Dichlorophenol	10.501	162	74514	35.603	ng		98
30) 1,2,4-Trichlorobenzene	10.713	180	81142	35.211	ng		94
31) Naphthalene	10.901	128	232348	34.988	ng		95
32) Benzoic acid	10.166	122	32963	29.496	ng	#	75
33) 4-Chloroaniline	11.012	127	91005	34.711	ng		95
34) Hexachlorobutadiene	11.182	225	60571	36.170	ng		96
35) Caprolactam	11.793	113	21325	32.977	ng	#	83
36) 4-Chloro-3-methylphenol	12.140	107	82500	34.126	ng		93
37) 2-Methylnaphthalene	12.510	142	174084	34.798	ng		100
38) 1-Methylnaphthalene	12.727	142	158725	33.759	ng		96
40) 1,2,4,5-Tetrachloroben...	12.880	216	90213	36.564	ng		97
41) Hexachlorocyclopentadiene	12.851	237	47804	37.941	ng		89
43) 2,4,6-Trichlorophenol	13.115	196	61543	36.999	ng		92

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44) 2,4,5-Trichlorophenol	13.197	196	63775	35.341	ng	#	87
46) 1,1'-Biphenyl	13.515	154	214238	35.922	ng		99
47) 2-Chloronaphthalene	13.562	162	171941	36.095	ng		99
48) 2-Nitroaniline	13.761	65	58278	33.318	ng		91
49) Acenaphthylene	14.408	152	264152	34.987	ng		96
50) Dimethylphthalate	14.131	163	221774	35.103	ng		99
51) 2,6-Dinitrotoluene	14.255	165	49105	35.301	ng		96
52) Acenaphthene	14.748	154	156179	34.340	ng		94
53) 3-Nitroaniline	14.590	138	46909	34.580	ng		85
54) 2,4-Dinitrophenol	14.807	184	27012	34.205	ng		91
55) Dibenzofuran	15.083	168	262760	35.613	ng		98
56) 4-Nitrophenol	14.913	139	34882	35.198	ng		91
57) 2,4-Dinitrotoluene	15.048	165	70066	35.863	ng	#	93
58) Fluorene	15.729	166	210891	35.167	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.312	232	57358	34.223	ng		97
60) Diethylphthalate	15.494	149	219985	34.621	ng		96
61) 4-Chlorophenyl-phenyle...	15.718	204	111489	34.832	ng		94
62) 4-Nitroaniline	15.753	138	50487	36.182	ng	#	86
63) Azobenzene	16.017	77	223478	33.229	ng		89
65) 4,6-Dinitro-2-methylph...	15.817	198	42962	36.314	ng		82
66) n-Nitrosodiphenylamine	15.935	169	182875	35.164	ng		98
67) 4-Bromophenyl-phenylether	16.616	248	75264	34.721	ng		96
68) Hexachlorobenzene	16.740	284	85509	35.506	ng		97
69) Atrazine	16.881	200	74434	35.780	ng		96
70) Pentachlorophenol	17.092	266	46574	36.065	ng		98
71) Phenanthrene	17.480	178	338911	34.999	ng		96
72) Anthracene	17.568	178	336348	35.367	ng		97
73) Carbazole	17.838	167	314586	34.927	ng		97
74) Di-n-butylphthalate	18.390	149	372510	35.478	ng		98
75) Fluoranthene	19.489	202	434345	36.451	ng		97
77) Benzidine	19.665	184	167606	37.324	ng		98
78) Pyrene	19.853	202	436298	36.515	ng		97
80) Butylbenzylphthalate	20.728	149	166520	36.593	ng		97
81) Benzo(a)anthracene	21.698	228	415313	36.387	ng		97
82) 3,3'-Dichlorobenzidine	21.610	252	119619	35.894	ng		97
83) Chrysene	21.768	228	393349	36.052	ng		100
84) Bis(2-ethylhexyl)phtha...	21.586	149	233560	36.259	ng		92
85) Di-n-octyl phthalate	22.814	149	389141	35.761	ng		98
87) Indeno(1,2,3-cd)pyrene	28.735	276	475230	35.414	ng		98
88) Benzo(b)fluoranthene	23.953	252	428682	35.127	ng	#	97
89) Benzo(k)fluoranthene	24.018	252	409846	36.004	ng		97
90) Benzo(a)pyrene	24.840	252	396312	35.884	ng		100
91) Dibenzo(a,h)anthracene	28.800	278	404013	35.728	ng	#	96
92) Benzo(g,h,i)perylene	29.916	276	393137	35.486	ng		97

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

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