Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063021\
Data File : BG049139.D
Acq On : 30 Jun 2021 12:40
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICCC040

Quant Time: Jun 30 13:33:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 13:31:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.094	152	38665	20.000	ng		# 0.00
21) Naphthalene-d8	10.914	136	149996	20.000	ng		# 0.00
39) Acenaphthene-d10	14.739	164	107802	20.000	ng		0.00
64) Phenanthrene-d10	17.488	188	242889	20.000	ng		# 0.00
76) Chrysene-d12	21.778	240	231709	20.000	ng		0.00
86) Perylene-d12	25.091	264	248956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.643	112	191438	77.074	ng		0.00
7) Phenol-d6	7.247	99	271519	72.935	ng		0.00
23) Nitrobenzene-d5	9.263	82	280386	80.604	ng		0.00
42) 2,4,6-Tribromophenol	16.225	330	147698	92.476	ng		0.00
45) 2-Fluorobiphenyl	13.358	172	626757	82.132	ng		0.00
79) Terphenyl-d14	20.091	244	1088910	86.067	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.517	88	41347	34.098	ng	#	83
3) Pyridine	3.928	79	114700	34.869	ng		92
4) n-Nitrosodimethylamine	3.840	42	64911	41.207	ng	#	86
6) Aniline	7.412	93	159358	33.991	ng		91
8) 2-Chlorophenol	7.653	128	101839	37.199	ng		93
9) Benzaldehyde	7.224	77	78255	40.624	ng	#	85
10) Phenol	7.271	94	136765	35.561	ng		92
11) bis(2-Chloroethyl)ether	7.506	93	99515	34.874	ng		87
12) 1,3-Dichlorobenzene	7.982	146	112928	36.926	ng		94
13) 1,4-Dichlorobenzene	8.129	146	114884	37.679	ng		98
14) 1,2-Dichlorobenzene	8.446	146	109856	37.453	ng		90
15) Benzyl Alcohol	8.329	79	120635	35.383	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.616	45	166128	30.769	ng		86
17) 2-Methylphenol	8.528	107	91339	36.215	ng		97
18) Hexachloroethane	9.181	117	46495	38.012	ng		99
19) n-Nitroso-di-n-propyla...	8.898	70	95971	32.981	ng		95
20) 3+4-Methylphenols	8.863	107	125253	36.323	ng		97
22) Acetophenone	8.916	105	178421	39.098	ng	#	96
24) Nitrobenzene	9.304	77	149131	38.059	ng		94
25) Isophorone	9.833	82	267363	35.280	ng		97
26) 2-Nitrophenol	10.021	139	60306	45.372	ng		99
27) 2,4-Dimethylphenol	10.074	122	91524	37.979	ng		95
28) bis(2-Chloroethoxy)met...	10.309	93	125133	35.659	ng		92
29) 2,4-Dichlorophenol	10.555	162	109788	40.608	ng		89
30) 1,2,4-Trichlorobenzene	10.773	180	126988	40.968	ng		97
31) Naphthalene	10.967	128	341405	38.206	ng		97
32) Benzoic acid	10.226	122	68630	43.601	ng	#	70
33) 4-Chloroaniline	11.067	127	141168	37.206	ng		95
34) Hexachlorobutadiene	11.249	225	91785	41.546	ng		94
35) Caprolactam	11.854	113	34590	44.260	ng	#	49
36) 4-Chloro-3-methylphenol	12.189	107	124852	37.781	ng	#	95
37) 2-Methylnaphthalene	12.565	142	258637	38.319	ng		96
38) 1-Methylnaphthalene	12.788	142	241933	38.179	ng		97
40) 1,2,4,5-Tetrachloroben...	12.929	216	151602	44.288	ng		98
41) Hexachlorocyclopentadiene	12.911	237	91350	41.512	ng		95
43) 2,4,6-Trichlorophenol	13.170	196	103863	45.347	ng		94

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44) 2,4,5-Trichlorophenol	13.246	196	113592	47.963	ng		87
46) 1,1'-Biphenyl	13.569	154	322573	40.587	ng		98
47) 2-Chloronaphthalene	13.616	162	255835	40.309	ng		98
48) 2-Nitroaniline	13.810	65	93121	42.390	ng		96
49) Acenaphthylene	14.463	152	401400	37.953	ng		96
50) Dimethylphthalate	14.186	163	338693	40.334	ng		99
51) 2,6-Dinitrotoluene	14.304	165	77608	45.382	ng		94
52) Acenaphthene	14.803	154	255355	37.460	ng		94
53) 3-Nitroaniline	14.639	138	71617	41.365	ng	#	86
54) 2,4-Dinitrophenol	14.844	184	46804	59.086	ng		93
55) Dibenzofuran	15.138	168	404969	38.218	ng		96
56) 4-Nitrophenol	14.944	139	61858	43.824	ng		91
57) 2,4-Dinitrotoluene	15.091	165	108573	51.688	ng		96
58) Fluorene	15.785	166	337660	38.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.361	232	105804	44.135	ng		96
60) Diethylphthalate	15.550	149	358010	39.365	ng		96
61) 4-Chlorophenyl-phenyle...	15.773	204	185636	40.972	ng		97
62) 4-Nitroaniline	15.802	138	76109	43.468	ng		85
63) Azobenzene	16.067	77	354498	34.066	ng		90
65) 4,6-Dinitro-2-methylph...	15.855	198	69507	60.347	ng		91
66) n-Nitrosodiphenylamine	15.990	169	294426	38.897	ng		95
67) 4-Bromophenyl-phenylether	16.672	248	128454	42.355	ng		94
68) Hexachlorobenzene	16.789	284	140170	42.643	ng		99
69) Atrazine	16.936	200	106931	44.011	ng		96
70) Pentachlorophenol	17.136	266	85162	43.110	ng		93
71) Phenanthrene	17.530	178	531252	38.872	ng		97
72) Anthracene	17.624	178	526513	38.339	ng		99
73) Carbazole	17.888	167	506871	38.505	ng		98
74) Di-n-butylphthalate	18.440	149	586599	39.730	ng		99
75) Fluoranthene	19.539	202	662350	40.190	ng		98
77) Benzidine	19.715	184	236794	50.730	ng		99
78) Pyrene	19.897	202	664020	39.483	ng		96
80) Butylbenzylphthalate	20.779	149	258495	40.738	ng		96
81) Benzo(a)anthracene	21.754	228	664941	39.968	ng		98
82) 3,3'-Dichlorobenzidine	21.666	252	224131	42.128	ng		97
83) Chrysene	21.825	228	636463	39.900	ng		98
84) Bis(2-ethylhexyl)phtha...	21.654	149	358917	39.683	ng		95
85) Di-n-octyl phthalate	22.900	149	602664	39.287	ng		98
87) Indeno(1,2,3-cd)pyrene	28.887	276	766208	40.895	ng	#	97
88) Benzo(b)fluoranthene	24.034	252	699507	39.415	ng	#	96
89) Benzo(k)fluoranthene	24.104	252	658045	39.080	ng	#	98
90) Benzo(a)pyrene	24.933	252	640343	39.527	ng		99
91) Dibenzo(a,h)anthracene	28.951	278	649357	41.469	ng	#	99
92) Benzo(g,h,i)perylene	30.074	276	638571	40.442	ng		100

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

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