Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049415.D
Acq On : 22 Jul 2021 20:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 04:32:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 04:31:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.052	152	24835	20.00	ng		0.00
21) Naphthalene-d8	10.871	136	94712	20.00	ng		# 0.00
39) Acenaphthene-d10	14.701	164	66148	20.00	ng		0.00
64) Phenanthrene-d10	17.451	188	139353	20.00	ng		# 0.00
76) Chrysene-d12	21.733	240	151568	20.00	ng		0.00
86) Perylene-d12	25.005	264	164577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.602	112	117979	80.60	ng		0.00
7) Phenol-d6	7.206	99	174638	81.92	ng		0.00
23) Nitrobenzene-d5	9.221	82	174394	82.50	ng		0.00
42) 2,4,6-Tribromophenol	16.194	330	73013	82.42	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	354115	77.03	ng		0.00
79) Terphenyl-d14	20.059	244	605941	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.476	88	26243	39.57	ng		98
3) Pyridine	3.881	79	68532	40.55	ng		92
4) n-Nitrosodimethylamine	3.793	42	38898	46.87	ng	#	75
6) Aniline	7.370	93	92233	40.00	ng	#	93
8) 2-Chlorophenol	7.611	128	60209	40.11	ng		90
9) Benzaldehyde	7.182	77	58351	41.20	ng		91
10) Phenol	7.235	94	83923	41.33	ng		92
11) bis(2-Chloroethyl)ether	7.464	93	57284	41.18	ng		84
12) 1,3-Dichlorobenzene	7.940	146	68244	38.45	ng		97
13) 1,4-Dichlorobenzene	8.087	146	70651	39.98	ng		98
14) 1,2-Dichlorobenzene	8.410	146	66962	39.22	ng		92
15) Benzyl Alcohol	8.287	79	73496	42.18	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.580	45	67158	41.33	ng		95
17) 2-Methylphenol	8.492	107	54521	40.32	ng		97
18) Hexachloroethane	9.138	117	27138	39.51	ng		97
19) n-Nitroso-di-n-propyla...	8.856	70	58203	41.55	ng	#	90
20) 3+4-Methylphenols	8.821	107	75761	40.89	ng		97
22) Acetophenone	8.880	105	103700	40.89	ng	#	95
24) Nitrobenzene	9.262	77	95232	42.89	ng		96
25) Isophorone	9.785	82	153651	41.02	ng		99
26) 2-Nitrophenol	9.978	139	34626	42.97	ng		95
27) 2,4-Dimethylphenol	10.031	122	52229	40.54	ng		92
28) bis(2-Chloroethoxy)met...	10.266	93	67266	40.25	ng		95
29) 2,4-Dichlorophenol	10.513	162	64376	43.09	ng		98
30) 1,2,4-Trichlorobenzene	10.730	180	66405	39.35	ng		98
31) Naphthalene	10.924	128	200174	40.07	ng		98
32) Benzoic acid	10.178	122	36060	42.60	ng	#	63
33) 4-Chloroaniline	11.030	127	77560	40.69	ng		94
34) Hexachlorobutadiene	11.206	225	49809	41.20	ng		97
35) Caprolactam	11.794	113	18704	40.32	ng	#	81
36) 4-Chloro-3-methylphenol	12.152	107	71659	40.67	ng	#	89
37) 2-Methylnaphthalene	12.528	142	148506	40.74	ng		92
38) 1-Methylnaphthalene	12.745	142	139430	40.00	ng		95
40) 1,2,4,5-Tetrachloroben...	12.892	216	74916	38.30	ng		97
41) Hexachlorocyclopentadiene	12.875	237	40115	45.94	ng		96
43) 2,4,6-Trichlorophenol	13.133	196	51699	40.52	ng		93

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44) 2,4,5-Trichlorophenol	13.209	196	56539	40.97	ng		88
46) 1,1'-Biphenyl	13.533	154	186059	38.37	ng		97
47) 2-Chloronaphthalene	13.579	162	144648	38.83	ng		98
48) 2-Nitroaniline	13.779	65	54051	41.70	ng		93
49) Acenaphthylene	14.425	152	233416	38.65	ng		96
50) Dimethylphthalate	14.149	163	186839	38.88	ng		100
51) 2,6-Dinitrotoluene	14.273	165	40928	39.23	ng		96
52) Acenaphthene	14.766	154	140142	38.45	ng		96
53) 3-Nitroaniline	14.602	138	41800	39.96	ng		86
54) 2,4-Dinitrophenol	14.807	184	19532	44.48	ng		93
55) Dibenzofuran	15.095	168	226246	38.68	ng		95
56) 4-Nitrophenol	14.907	139	32426	39.29	ng		95
57) 2,4-Dinitrotoluene	15.060	165	60105	41.68	ng	#	92
58) Fluorene	15.747	166	185141	39.06	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.324	232	50938	40.37	ng		97
60) Diethylphthalate	15.512	149	190658	39.50	ng		98
61) 4-Chlorophenyl-phenyle...	15.735	204	96472	40.02	ng		91
62) 4-Nitroaniline	15.765	138	43986	39.95	ng		95
63) Azobenzene	16.029	77	208218	38.95	ng		87
65) 4,6-Dinitro-2-methylph...	15.824	198	33226	44.01	ng		87
66) n-Nitrosodiphenylamine	15.953	169	155731	38.91	ng		96
67) 4-Bromophenyl-phenylether	16.634	248	64181	40.66	ng		97
68) Hexachlorobenzene	16.758	284	69861	39.09	ng		96
69) Atrazine	16.899	200	64350	40.57	ng		94
70) Pentachlorophenol	17.098	266	36666	45.64	ng		98
71) Phenanthrene	17.492	178	295226	39.41	ng		97
72) Anthracene	17.586	178	293103	39.81	ng		97
73) Carbazole	17.850	167	278302	39.74	ng		99
74) Di-n-butylphthalate	18.402	149	319078	39.96	ng		99
75) Fluoranthene	19.501	202	376344	40.35	ng		97
77) Benzidine	19.677	184	177984	42.43	ng		99
78) Pyrene	19.865	202	377134	37.91	ng		97
80) Butylbenzylphthalate	20.740	149	147120	40.67	ng		97
81) Benzo(a)anthracene	21.710	228	379394	39.52	ng		99
82) 3,3'-Dichlorobenzidine	21.622	252	109931	39.69	ng		95
83) Chrysene	21.780	228	365509	39.48	ng		97
84) Bis(2-ethylhexyl)phtha...	21.610	149	216402	39.89	ng		96
85) Di-n-octyl phthalate	22.838	149	374448	39.97	ng		98
87) Indeno(1,2,3-cd)pyrene	28.759	276	469936	40.34	ng		98
88) Benzo(b)fluoranthene	23.965	252	423672	39.95	ng	#	98
89) Benzo(k)fluoranthene	24.036	252	395512	40.10	ng	#	97
90) Benzo(a)pyrene	24.858	252	384505	40.00	ng		99
91) Dibenzo(a,h)anthracene	28.824	278	395026	40.38	ng	#	97
92) Benzo(g,h,i)perylene	29.934	276	385002	39.77	ng		97

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

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