Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048597.D
Acq On : 6 Apr 2021 10:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 11:01:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:20:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	27347	20.00	ng		# 0.00
21) Naphthalene-d8	10.923	136	104391	20.00	ng		# 0.00
39) Acenaphthene-d10	14.748	164	73488	20.00	ng		0.00
64) Phenanthrene-d10	17.503	188	171522	20.00	ng		# 0.00
76) Chrysene-d12	21.804	240	161698	20.00	ng		# 0.00
86) Perylene-d12	25.147	264	173898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.635	112	124350	80.28	ng		0.00
7) Phenol-d6	7.245	99	166753	74.23	ng		0.00
23) Nitrobenzene-d5	9.266	82	167107	77.50	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	79717	82.52	ng		0.00
45) 2-Fluorobiphenyl	13.367	172	388202	78.52	ng		0.00
79) Terphenyl-d14	20.112	244	728525	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.502	88	22837	36.64	ng		92
3) Pyridine	3.908	79	61085	39.10	ng		93
4) n-Nitrosodimethylamine	3.819	42	38148	37.37	ng		87
6) Aniline	7.409	93	93670	36.31	ng		95
8) 2-Chlorophenol	7.656	128	66436	37.95	ng		92
9) Benzaldehyde	7.221	77	48141	33.53	ng		88
10) Phenol	7.268	94	84864	37.73	ng		98
11) bis(2-Chloroethyl)ether	7.503	93	55362	35.48	ng		93
12) 1,3-Dichlorobenzene	7.979	146	76619	38.85	ng		93
13) 1,4-Dichlorobenzene	8.126	146	77617	39.04	ng		97
14) 1,2-Dichlorobenzene	8.449	146	73304	38.50	ng		93
15) Benzyl Alcohol	8.326	79	70644	38.39	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.620	45	52668	34.99	ng		94
17) 2-Methylphenol	8.532	107	54157	37.22	ng		89
18) Hexachloroethane	9.184	117	27867	37.72	ng		90
19) n-Nitroso-di-n-propyla...	8.902	70	54725	35.34	ng		93
20) 3+4-Methylphenols	8.861	107	73067	36.17	ng		92
22) Acetophenone	8.919	105	104210	38.72	ng		95
24) Nitrobenzene	9.307	77	84291	39.83	ng		100
25) Isophorone	9.830	82	149569	37.56	ng		99
26) 2-Nitrophenol	10.024	139	40683	41.85	ng		90
27) 2,4-Dimethylphenol	10.077	122	63162	41.29	ng		96
28) bis(2-Chloroethoxy)met...	10.312	93	70938	38.87	ng		94
29) 2,4-Dichlorophenol	10.565	162	68269	39.41	ng		96
30) 1,2,4-Trichlorobenzene	10.776	180	78875	39.62	ng		95
31) Naphthalene	10.970	128	207762	38.71	ng		98
32) Benzoic acid	10.206	122	38707	32.89	ng		87
33) 4-Chloroaniline	11.076	127	88225	38.95	ng		95
34) Hexachlorobutadiene	11.252	225	57511	39.56	ng		94
35) Caprolactam	11.851	113	24339	38.51	ng	#	80
36) 4-Chloro-3-methylphenol	12.198	107	77666	39.92	ng		90
37) 2-Methylnaphthalene	12.574	142	161761	37.86	ng		97
38) 1-Methylnaphthalene	12.791	142	155863	38.25	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.938	216	93299	40.95	ng		96
41) Hexachlorocyclopentadiene	12.921	237	46281	35.07	ng		93
43) 2,4,6-Trichlorophenol	13.179	196	63561	40.59	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	67425	40.25	ng		95
46) 1,1'-Biphenyl	13.579	154	205909	38.35	ng		97
47) 2-Chloronaphthalene	13.626	162	161428	39.46	ng		99
48) 2-Nitroaniline	13.820	65	52209	40.15	ng		88
49) Acenaphthylene	14.472	152	253736	39.57	ng		99
50) Dimethylphthalate	14.190	163	214607	39.34	ng	#	98
51) 2,6-Dinitrotoluene	14.313	165	51107	40.96	ng		97
52) Acenaphthene	14.812	154	168620	36.35	ng		97
53) 3-Nitroaniline	14.648	138	48955	40.01	ng		98
54) 2,4-Dinitrophenol	14.848	184	27934	39.81	ng		97
55) Dibenzofuran	15.142	168	261069	38.54	ng		98
56) 4-Nitrophenol	14.948	139	40117	40.61	ng	#	81
57) 2,4-Dinitrotoluene	15.100	165	72746	41.21	ng	#	89
58) Fluorene	15.794	166	219065	38.63	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.371	232	64478	39.45	ng		98
60) Diethylphthalate	15.553	149	221218	39.47	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	116993	38.34	ng		98
62) 4-Nitroaniline	15.811	138	52292	40.86	ng		98
63) Azobenzene	16.076	77	201779	36.60	ng		97
65) 4,6-Dinitro-2-methylph...	15.870	198	47095	45.70	ng		95
66) n-Nitrosodiphenylamine	15.999	169	194004	39.76	ng		100
67) 4-Bromophenyl-phenylether	16.681	248	78720	41.40	ng		93
68) Hexachlorobenzene	16.804	284	79649	40.12	ng		98
69) Atrazine	16.945	200	83494	41.95	ng		97
70) Pentachlorophenol	17.151	266	50356	40.81	ng		93
71) Phenanthrene	17.545	178	360401	40.48	ng		98
72) Anthracene	17.633	178	350833	39.54	ng		97
73) Carbazole	17.903	167	345439	41.05	ng		97
74) Di-n-butylphthalate	18.455	149	391700	41.67	ng		98
75) Fluoranthene	19.554	202	461098	41.77	ng		94
77) Benzidine	19.730	184	196526	35.89	ng		98
78) Pyrene	19.918	202	461184	41.48	ng		99
80) Butylbenzylphthalate	20.794	149	177665	43.02	ng		98
81) Benzo(a)anthracene	21.781	228	441707	40.89	ng		96
82) 3,3'-Dichlorobenzidine	21.693	252	153795	41.44	ng		92
83) Chrysene	21.845	228	422660	41.00	ng		96
84) Bis(2-ethylhexyl)phtha...	21.669	149	250085	43.48	ng		99
85) Di-n-octyl phthalate	22.927	149	413666	41.25	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.978	276	468954	38.47	ng	#	82
88) Benzo(b)fluoranthene	24.078	252	442454	39.18	ng		96
89) Benzo(k)fluoranthene	24.149	252	434357	40.00	ng		98
90) Benzo(a)pyrene	24.983	252	414853	39.85	ng	#	98
91) Dibenzo(a,h)anthracene	29.061	278	405941	39.01	ng	#	97
92) Benzo(g,h,i)perylene	30.189	276	373310	36.63	ng	#	96

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

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