Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047080.D
Acq On : 26 Oct 2020 18:43
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Quant Time: Oct 27 02:02:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 18:52:34 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	56573	20.00	ng		0.00
21) Naphthalene-d8	10.870	136	224278	20.00	ng		0.00
39) Acenaphthene-d10	14.689	164	165149	20.00	ng		0.00
64) Phenanthrene-d10	17.433	188	387910	20.00	ng	#	0.00
76) Chrysene-d12	21.705	240	400529	20.00	ng	#	0.00
86) Perylene-d12	24.936	264	406543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.618	112	312614	97.87	ng		0.00
7) Phenol-d6	7.216	99	475261	104.96	ng		0.00
23) Nitrobenzene-d5	9.225	82	460970	117.47	ng		0.00
42) 2,4,6-Tribromophenol	16.176	330	257232	114.96	ng		0.00
45) 2-Fluorobiphenyl	13.315	172	1102836	101.94	ng		0.00
79) Terphenyl-d14	20.042	244	1960871	104.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	66336	49.92	ng	#	92
3) Pyridine	3.902	79	188918	48.59	ng		96
4) n-Nitrosodimethylamine	3.814	42	104958	73.19	ng	#	69
6) Aniline	7.380	93	274218	53.82	ng	#	90
8) 2-Chlorophenol	7.621	128	164488	48.72	ng		97
9) Benzaldehyde	7.192	77	117034	46.13	ng		88
10) Phenol	7.239	94	223550	53.60	ng		80
11) bis(2-Chloroethyl)ether	7.474	93	166597	49.70	ng		94
12) 1,3-Dichlorobenzene	7.950	146	207979	48.52	ng	#	94
13) 1,4-Dichlorobenzene	8.097	146	212350	49.49	ng		100
14) 1,2-Dichlorobenzene	8.414	146	200247	48.67	ng		94
15) Benzyl Alcohol	8.291	79	192260	66.14	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.585	45	262593	50.50	ng		97
17) 2-Methylphenol	8.497	107	155354	52.53	ng	#	89
18) Hexachloroethane	9.149	117	76643	52.68	ng		95
19) n-Nitroso-di-n-propyla...	8.861	70	162624	60.04	ng		91
20) 3+4-Methylphenols	8.826	107	208354	51.04	ng		93
22) Acetophenone	8.879	105	296312	54.28	ng		91
24) Nitrobenzene	9.266	77	237039	61.14	ng		90
25) Isophorone	9.789	82	417300	58.01	ng	#	94
26) 2-Nitrophenol	9.977	139	110297	53.92	ng	#	78
27) 2,4-Dimethylphenol	10.030	122	146552	52.09	ng		92
28) bis(2-Chloroethoxy)met...	10.265	93	253979	54.85	ng		96
29) 2,4-Dichlorophenol	10.512	162	200314	53.41	ng		98
30) 1,2,4-Trichlorobenzene	10.729	180	234112	52.61	ng		99
31) Naphthalene	10.923	128	568876	51.95	ng		99
32) Benzoic acid	10.183	122	127514	73.13	ng	#	73
33) 4-Chloroaniline	11.023	127	255275	52.87	ng	#	92
34) Hexachlorobutadiene	11.205	225	175675	60.82	ng		97
35) Caprolactam	11.799	113	66778	47.64	ng		94
36) 4-Chloro-3-methylphenol	12.139	107	204307	55.70	ng		93
37) 2-Methylnaphthalene	12.521	142	447601	51.83	ng	#	96
38) 1-Methylnaphthalene	12.739	142	420987	51.46	ng		96
40) 1,2,4,5-Tetrachloroben...	12.886	216	290814	53.40	ng		98
41) Hexachlorocyclopentadiene	12.868	237	169042	71.38	ng		99
43) 2,4,6-Trichlorophenol	13.121	196	196780	53.54	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.197	196	196681	50.94	ng		95
46) 1,1'-Biphenyl	13.526	154	604199	52.58	ng		96
47) 2-Chloronaphthalene	13.567	162	493778	50.69	ng		97
48) 2-Nitroaniline	13.767	65	168333	62.23	ng	#	80
49) Acenaphthylene	14.413	152	715770	48.44	ng		98
50) Dimethylphthalate	14.143	163	645163	50.50	ng		98
51) 2,6-Dinitrotoluene	14.260	165	137226	48.72	ng	#	68
52) Acenaphthene	14.754	154	471520	51.49	ng		97
53) 3-Nitroaniline	14.590	138	141019	46.22	ng	#	80
54) 2,4-Dinitrophenol	14.795	184	94339	57.38	ng	#	71
55) Dibenzofuran	15.089	168	736704	50.13	ng		95
56) 4-Nitrophenol	14.889	139	110837	49.37	ng	#	57
57) 2,4-Dinitrotoluene	15.048	165	200699	49.98	ng	#	82
58) Fluorene	15.735	166	597505	48.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.312	232	203639	54.31	ng	#	96
60) Diethylphthalate	15.500	149	636885	51.13	ng		97
61) 4-Chlorophenyl-phenyle...	15.723	204	360866	53.12	ng		97
62) 4-Nitroaniline	15.753	138	151740	47.14	ng	#	63
63) Azobenzene	16.017	77	568177	56.07	ng		90
65) 4,6-Dinitro-2-methylph...	15.812	198	127225	57.95	ng		87
66) n-Nitrosodiphenylamine	15.941	169	553364	52.88	ng		99
67) 4-Bromophenyl-phenylether	16.622	248	250743	55.40	ng		95
68) Hexachlorobenzene	16.740	284	266204	53.11	ng		96
69) Atrazine	16.887	200	218963	51.29	ng		96
70) Pentachlorophenol	17.081	266	163022	62.25	ng		97
71) Phenanthrene	17.480	178	1009617	51.35	ng		98
72) Anthracene	17.568	178	977494	50.39	ng		98
73) Carbazole	17.833	167	877668	47.92	ng		99
74) Di-n-butylphthalate	18.385	149	1060128	50.34	ng	#	98
75) Fluoranthene	19.484	202	1277998	50.51	ng		97
77) Benzidine	19.660	184	452340	48.60	ng		98
78) Pyrene	19.842	202	1254108	49.17	ng		99
80) Butylbenzylphthalate	20.724	149	488344	49.09	ng		93
81) Benzo(a)anthracene	21.687	228	1269183	50.84	ng		99
82) 3,3'-Dichlorobenzidine	21.599	252	468737	50.59	ng	#	96
83) Chrysene	21.752	228	1220433	50.82	ng		100
84) Bis(2-ethylhexyl)phtha...	21.581	149	678861	50.00	ng		96
85) Di-n-octyl phthalate	22.798	149	1144339	49.23	ng		96
87) Indeno(1,2,3-cd)pyrene	28.632	276	1453596	49.78	ng	#	92
88) Benzo(b)fluoranthene	23.914	252	1278986	50.38	ng	#	97
89) Benzo(k)fluoranthene	23.984	252	1266887	51.64	ng	#	97
90) Benzo(a)pyrene	24.789	252	1210885	51.11	ng	#	97
91) Dibenzo(a,h)anthracene	28.697	278	1174857	49.86	ng	#	96
92) Benzo(g,h,i)perylene	29.795	276	1168440	49.66	ng	#	92

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

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