Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092220\
Data File : BG046686.D
Acq On : 22 Sep 2020 20:06
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC060

Quant Time: Sep 22 21:16:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 20:50:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.125	152	69705	20.00	ng		0.00
21) Naphthalene-d8	10.940	136	251119	20.00	ng		0.00
39) Acenaphthene-d10	14.747	164	171412	20.00	ng		0.00
64) Phenanthrene-d10	17.491	188	394359	20.00	ng		0.00
76) Chrysene-d12	21.780	240	408465	20.00	ng	#	0.00
86) Perylene-d12	25.064	264	431686	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.681	112	490482	124.63	ng		0.00
7) Phenol-d6	7.274	99	696339	124.81	ng		0.00
23) Nitrobenzene-d5	9.289	82	596822	135.84	ng		0.00
42) 2,4,6-Tribromophenol	16.234	330	281679	121.28	ng		0.00
45) 2-Fluorobiphenyl	13.378	172	1367178	121.76	ng		0.00
79) Terphenyl-d14	20.100	244	2262783	117.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	114090	69.68	ng	#	88
3) Pyridine	3.983	79	314771	65.71	ng		92
4) n-Nitrosodimethylamine	3.895	42	170653	96.59	ng	#	68
6) Aniline	7.450	93	422080	67.23	ng		91
8) 2-Chlorophenol	7.685	128	242908	58.40	ng		88
9) Benzaldehyde	7.262	77	198145	63.39	ng		89
10) Phenol	7.297	94	339056	65.98	ng		77
11) bis(2-Chloroethyl)ether	7.544	93	264222	63.97	ng		90
12) 1,3-Dichlorobenzene	8.014	146	317636	60.15	ng	#	92
13) 1,4-Dichlorobenzene	8.161	146	311119	58.85	ng		95
14) 1,2-Dichlorobenzene	8.484	146	295409	58.27	ng		93
15) Benzyl Alcohol	8.360	79	288987	80.68	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.654	45	457425	71.40	ng		99
17) 2-Methylphenol	8.554	107	224415	61.58	ng	#	90
18) Hexachloroethane	9.218	117	117056	65.30	ng		92
19) n-Nitroso-di-n-propyla...	8.936	70	240068	71.94	ng	#	88
20) 3+4-Methylphenols	8.883	107	304951	60.63	ng		91
22) Acetophenone	8.948	105	422277	69.08	ng	#	92
24) Nitrobenzene	9.330	77	319806	73.68	ng	#	85
25) Isophorone	9.859	82	588786	73.09	ng	#	93
26) 2-Nitrophenol	10.041	139	124304	54.28	ng	#	77
27) 2,4-Dimethylphenol	10.094	122	212220	67.37	ng		89
28) bis(2-Chloroethoxy)met...	10.341	93	369166	71.20	ng		96
29) 2,4-Dichlorophenol	10.576	162	267694	63.75	ng		97
30) 1,2,4-Trichlorobenzene	10.799	180	310789	62.38	ng		95
31) Naphthalene	10.993	128	790151	64.44	ng		99
32) Benzoic acid	10.241	122	160451	82.18	ng	#	88
33) 4-Chloroaniline	11.087	127	349262	64.60	ng	#	91
34) Hexachlorobutadiene	11.275	225	229906	71.09	ng		98
35) Caprolactam	11.868	113	88447	56.35	ng		85
36) 4-Chloro-3-methylphenol	12.197	107	279401	68.03	ng		88
37) 2-Methylnaphthalene	12.585	142	576046	59.57	ng	#	95
38) 1-Methylnaphthalene	12.802	142	543355	59.32	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.949	216	356434	63.06	ng	#	97
41) Hexachlorocyclopentadiene	12.932	237	216190	87.96	ng		98
43) 2,4,6-Trichlorophenol	13.178	196	234525	61.48	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.249	196	237441	59.25	ng	#	93
46) 1,1'-Biphenyl	13.590	154	752757	63.12	ng		95
47) 2-Chloronaphthalene	13.631	162	605937	59.93	ng		94
48) 2-Nitroaniline	13.819	65	191380	68.16	ng	#	81
49) Acenaphthylene	14.471	152	897131	58.49	ng		99
50) Dimethylphthalate	14.201	163	776521	58.56	ng		99
51) 2,6-Dinitrotoluene	14.318	165	148792	50.90	ng	#	73
52) Acenaphthene	14.812	154	620721	65.31	ng		95
53) 3-Nitroaniline	14.647	138	161236	50.92	ng	#	76
54) 2,4-Dinitrophenol	14.841	184	80095	46.94	ng	#	77
55) Dibenzofuran	15.147	168	911905	59.78	ng		96
56) 4-Nitrophenol	14.935	139	135120	57.98	ng	#	70
57) 2,4-Dinitrotoluene	15.100	165	197941	47.49	ng	#	75
58) Fluorene	15.799	166	733520	57.29	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.364	232	231855	59.57	ng	#	92
60) Diethylphthalate	15.564	149	784237	60.65	ng		96
61) 4-Chlorophenyl-phenyle...	15.787	204	426630	60.51	ng		97
62) 4-Nitroaniline	15.805	138	176780	52.91	ng	#	67
63) Azobenzene	16.081	77	761009	72.36	ng		90
65) 4,6-Dinitro-2-methylph...	15.858	198	107388	48.11	ng		85
66) n-Nitrosodiphenylamine	15.999	169	675303	63.47	ng		98
67) 4-Bromophenyl-phenylether	16.680	248	289442	62.91	ng	#	92
68) Hexachlorobenzene	16.798	284	304228	59.71	ng		92
69) Atrazine	16.945	200	269354	62.06	ng		98
70) Pentachlorophenol	17.133	266	196493	73.81	ng		92
71) Phenanthrene	17.538	178	1213537	60.71	ng		98
72) Anthracene	17.626	178	1184947	60.08	ng		99
73) Carbazole	17.890	167	1075681	57.77	ng		98
74) Di-n-butylphthalate	18.455	149	1311725	61.26	ng	#	98
75) Fluoranthene	19.541	202	1509957	58.70	ng		98
77) Benzidine	19.712	184	708739	74.67	ng		99
78) Pyrene	19.900	202	1512370	58.14	ng		99
80) Butylbenzylphthalate	20.793	149	608159	59.94	ng		89
81) Benzo(a)anthracene	21.757	228	1557220	61.16	ng		100
82) 3,3'-Dichlorobenzidine	21.668	252	615265	65.12	ng		98
83) Chrysene	21.827	228	1469041	59.99	ng		100
84) Bis(2-ethylhexyl)phtha...	21.674	149	863027	62.33	ng		96
85) Di-n-octyl phthalate	22.926	149	1503513	63.42	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.836	276	1851215	59.71	ng	#	89
88) Benzo(b)fluoranthene	24.024	252	1632233	60.55	ng	#	98
89) Benzo(k)fluoranthene	24.095	252	1539670	59.10	ng	#	98
90) Benzo(a)pyrene	24.918	252	1533268	60.95	ng	#	98
91) Dibenzo(a,h)anthracene	28.907	278	1505664	60.18	ng	#	96
92) Benzo(g,h,i)perylene	30.012	276	1475063	59.04	ng	#	94

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

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