Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047082.D
Acq On : 26 Oct 2020 20:03
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Oct 27 02:05:49 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	8.064	152	51467	20.00	ng		0.00
21) Naphthalene-d8	10.873	136	182564	20.00	ng	#	0.00
39) Acenaphthene-d10	14.692	164	130292	20.00	ng		0.00
64) Phenanthrene-d10	17.435	188	331231	20.00	ng		0.00
76) Chrysene-d12	21.707	240	372303	20.00	ng	#	0.00
86) Perylene-d12	24.944	264	377481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.614	112	444658	153.02	ng		0.00
7) Phenol-d6	7.218	99	653935	158.75	ng		0.00
23) Nitrobenzene-d5	9.227	82	613021	191.92	ng		0.00
42) 2,4,6-Tribromophenol	16.178	330	351320	199.01	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	1420069	166.38	ng		0.00
79) Terphenyl-d14	20.044	244	2736140	156.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.499	88	97666	80.79	ng	#	95
3) Pyridine	3.898	79	257096	72.69	ng		94
4) n-Nitrosodimethylamine	3.816	42	144680	110.90	ng	#	73
6) Aniline	7.383	93	377207	81.38	ng		92
8) 2-Chlorophenol	7.623	128	230497	75.05	ng		95
10) Phenol	7.242	94	300631	79.24	ng		77
11) bis(2-Chloroethyl)ether	7.477	93	238117	78.08	ng		95
12) 1,3-Dichlorobenzene	7.947	146	297781	76.37	ng	#	89
13) 1,4-Dichlorobenzene	8.093	146	300249	76.92	ng		97
14) 1,2-Dichlorobenzene	8.417	146	283850	75.84	ng		95
15) Benzyl Alcohol	8.293	79	260992	98.69	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.587	45	364187	76.99	ng		97
17) 2-Methylphenol	8.499	107	205600	76.41	ng	#	87
18) Hexachloroethane	9.145	117	110551	83.53	ng		99
19) n-Nitroso-di-n-propyla...	8.869	70	209417	84.99	ng		95
20) 3+4-Methylphenols	8.828	107	286295	77.09	ng		92
22) Acetophenone	8.881	105	393422	88.53	ng		92
24) Nitrobenzene	9.269	77	312454	99.01	ng		89
25) Isophorone	9.791	82	545703	93.18	ng	#	95
26) 2-Nitrophenol	9.979	139	149282	89.66	ng	#	77
27) 2,4-Dimethylphenol	10.032	122	192095	83.89	ng		90
28) bis(2-Chloroethoxy)met...	10.267	93	330808	87.76	ng		98
29) 2,4-Dichlorophenol	10.514	162	266217	87.21	ng		98
30) 1,2,4-Trichlorobenzene	10.732	180	317880	87.76	ng		98
31) Naphthalene	10.920	128	762815	85.58	ng		100
32) Benzoic acid	10.197	122	169584	119.47	ng	#	82
33) 4-Chloroaniline	11.025	127	337116	85.77	ng	#	93
34) Hexachlorobutadiene	11.202	225	243883	103.72	ng		99
35) Caprolactam	11.813	113	91079	79.82	ng		94
36) 4-Chloro-3-methylphenol	12.142	107	272684	91.33	ng		92
37) 2-Methylnaphthalene	12.524	142	591364	84.12	ng	#	96
38) 1-Methylnaphthalene	12.741	142	553270	83.08	ng		98
40) 1,2,4,5-Tetrachloroben...	12.888	216	380324	88.52	ng		97
41) Hexachlorocyclopentadiene	12.870	237	228329	122.22	ng		99
43) 2,4,6-Trichlorophenol	13.123	196	256496	88.46	ng		97
44) 2,4,5-Trichlorophenol	13.199	196	259631	85.23	ng	#	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.528	154	776341	85.64	ng		97
47) 2-Chloronaphthalene	13.569	162	638992	83.14	ng		97
48) 2-Nitroaniline	13.769	65	227322	106.51	ng	#	84
49) Acenaphthylene	14.415	152	923829	79.24	ng		99
50) Dimethylphthalate	14.145	163	841045	83.44	ng		99
51) 2,6-Dinitrotoluene	14.263	165	182168	81.98	ng	#	74
52) Acenaphthene	14.756	154	614927	85.11	ng		95
53) 3-Nitroaniline	14.592	138	188558	78.34	ng	#	74
54) 2,4-Dinitrophenol	14.797	184	137241	105.81	ng	#	77
55) Dibenzofuran	15.091	168	968811	83.56	ng		95
56) 4-Nitrophenol	14.897	139	163060	92.05	ng	#	67
57) 2,4-Dinitrotoluene	15.050	165	279107	88.09	ng	#	82
58) Fluorene	15.737	166	791651	81.35	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.314	232	275558	93.15	ng	#	97
60) Diethylphthalate	15.502	149	857038	87.20	ng		96
61) 4-Chlorophenyl-phenyle...	15.726	204	479937	89.55	ng		97
62) 4-Nitroaniline	15.761	138	215840	84.99	ng	#	62
63) Azobenzene	16.019	77	756319	94.61	ng		91
65) 4,6-Dinitro-2-methylph...	15.814	198	182581	97.39	ng		85
66) n-Nitrosodiphenylamine	15.943	169	737943	82.58	ng		99
67) 4-Bromophenyl-phenylether	16.619	248	338528	87.60	ng		95
68) Hexachlorobenzene	16.742	284	359875	84.09	ng		98
69) Atrazine	16.889	200	305799	83.89	ng		96
70) Pentachlorophenol	17.083	266	234226	104.75	ng		97
71) Phenanthrene	17.477	178	1369188	81.55	ng		99
72) Anthracene	17.571	178	1337945	80.77	ng		100
73) Carbazole	17.835	167	1241556	79.39	ng		97
74) Di-n-butylphthalate	18.387	149	1519266	84.48	ng	#	98
75) Fluoranthene	19.486	202	1789300	82.82	ng		97
77) Benzidine	19.662	184	599405	69.29	ng		98
78) Pyrene	19.844	202	1807332	76.23	ng		98
80) Butylbenzylphthalate	20.726	149	735868	79.58	ng		92
81) Benzo(a)anthracene	21.689	228	1880867	81.05	ng		99
82) 3,3'-Dichlorobenzidine	21.601	252	683857	79.41	ng	#	99
83) Chrysene	21.754	228	1778061	79.66	ng		96
84) Bis(2-ethylhexyl)phtha...	21.584	149	1039936	82.41	ng		96
85) Di-n-octyl phthalate	22.800	149	1714637	79.35	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.652	276	2239054	82.59	ng	#	88
88) Benzo(b)fluoranthene	23.916	252	1985107	84.22	ng	#	98
89) Benzo(k)fluoranthene	23.987	252	1874487	82.29	ng	#	98
90) Benzo(a)pyrene	24.797	252	1845865	83.92	ng	#	96
91) Dibenzo(a,h)anthracene	28.710	278	1795996	82.09	ng	#	96
92) Benzo(g,h,i)perylene	29.815	276	1796195	82.22	ng	#	94

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

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