Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047081.D
Acq On : 26 Oct 2020 19:23
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 27 02:04:08 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

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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10/28/2020 8:05:42 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	58076	20.00	ng		0.00
21) Naphthalene-d8	10.873	136	223883	20.00	ng		# 0.00
39) Acenaphthene-d10	14.692	164	158724	20.00	ng		0.00
64) Phenanthrene-d10	17.436	188	385984	20.00	ng		# 0.00
76) Chrysene-d12	21.707	240	391992	20.00	ng		# 0.00
86) Perylene-d12	24.939	264	396808	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.614	112	378513	115.44	ng		0.00
7) Phenol-d6	7.218	99	570999	122.84	ng		0.00
23) Nitrobenzene-d5	9.222	82	551692	140.84	ng		0.00
42) 2,4,6-Tribromophenol	16.178	330	305349	141.98	ng		0.00
45) 2-Fluorobiphenyl	13.317	172	1286994	123.78	ng		0.00
79) Terphenyl-d14	20.038	244	2259201	122.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.505	88	84372	61.85	ng	#	94
3) Pyridine	3.904	79	222870	55.84	ng		96
4) n-Nitrosodimethylamine	3.816	42	125863	85.50	ng	#	70
6) Aniline	7.383	93	335722	64.18	ng		92
8) 2-Chlorophenol	7.624	128	201073	58.02	ng		93
9) Benzaldehyde	7.195	77	131313	50.42	ng		82
10) Phenol	7.242	94	264614	61.81	ng		75
11) bis(2-Chloroethyl)ether	7.477	93	209522	60.88	ng		98
12) 1,3-Dichlorobenzene	7.947	146	256547	58.31	ng	#	92
13) 1,4-Dichlorobenzene	8.094	146	263133	59.74	ng		96
14) 1,2-Dichlorobenzene	8.417	146	243246	57.59	ng		95
15) Benzyl Alcohol	8.293	79	232799	78.01	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.587	45	324262	60.75	ng		100
17) 2-Methylphenol	8.493	107	179964	59.27	ng	#	90
18) Hexachloroethane	9.151	117	96320	64.49	ng		92
19) n-Nitroso-di-n-propyla...	8.869	70	193908	69.74	ng		96
20) 3+4-Methylphenols	8.828	107	252155	60.17	ng		92
22) Acetophenone	8.881	105	348438	63.94	ng		93
24) Nitrobenzene	9.269	77	281210	72.67	ng		91
25) Isophorone	9.792	82	486310	67.72	ng		97
26) 2-Nitrophenol	9.980	139	128963	63.16	ng	#	77
27) 2,4-Dimethylphenol	10.033	122	174441	62.12	ng		92
28) bis(2-Chloroethoxy)met...	10.268	93	298778	64.64	ng		98
29) 2,4-Dichlorophenol	10.514	162	241545	64.52	ng		97
30) 1,2,4-Trichlorobenzene	10.732	180	280347	63.12	ng		97
31) Naphthalene	10.920	128	679472	62.16	ng		99
32) Benzoic acid	10.191	122	167413	96.18	ng	#	79
33) 4-Chloroaniline	11.025	127	305032	63.28	ng	#	94
34) Hexachlorobutadiene	11.208	225	211984	73.52	ng		97
35) Caprolactam	11.807	113	77452	55.35	ng	#	86
36) 4-Chloro-3-methylphenol	12.142	107	248955	67.99	ng		88
37) 2-Methylnaphthalene	12.524	142	529913	61.47	ng	#	95
38) 1-Methylnaphthalene	12.741	142	485439m	59.44	ng		
40) 1,2,4,5-Tetrachloroben...	12.888	216	343868	65.70	ng		97
41) Hexachlorocyclopentadiene	12.865	237	204883	90.02	ng		99
43) 2,4,6-Trichlorophenol	13.123	196	228446	64.68	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.194	196	235964	63.58	ng	#	92
46) 1,1'-Biphenyl	13.523	154	705048	63.84	ng		97
47) 2-Chloronaphthalene	13.570	162	577034	61.63	ng		98
48) 2-Nitroaniline	13.769	65	197075	75.80	ng	#	82
49) Acenaphthylene	14.416	152	837081	58.94	ng		99
50) Dimethylphthalate	14.145	163	753429	61.36	ng		99
51) 2,6-Dinitrotoluene	14.263	165	161256	59.57	ng	#	77
52) Acenaphthene	14.756	154	555634	63.13	ng		98
53) 3-Nitroaniline	14.592	138	163725	55.84	ng		81
54) 2,4-Dinitrophenol	14.798	184	112655	71.30	ng	#	67
55) Dibenzofuran	15.085	168	867625	61.43	ng		95
56) 4-Nitrophenol	14.892	139	132348	61.33	ng	#	61
57) 2,4-Dinitrotoluene	15.050	165	235475	61.01	ng	#	83
58) Fluorene	15.738	166	698805	58.95	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.309	232	241854	67.11	ng	#	97
60) Diethylphthalate	15.503	149	749339	62.59	ng		97
61) 4-Chlorophenyl-phenyle...	15.726	204	423367	64.84	ng		97
62) 4-Nitroaniline	15.755	138	174774	56.49	ng	#	56
63) Azobenzene	16.020	77	667604	68.55	ng		91
65) 4,6-Dinitro-2-methylph...	15.814	198	152385	69.75	ng		92
66) n-Nitrosodiphenylamine	15.943	169	642992	61.75	ng		97
67) 4-Bromophenyl-phenylether	16.619	248	301279	66.90	ng		95
68) Hexachlorobenzene	16.742	284	310138	62.19	ng		96
69) Atrazine	16.883	200	258977	60.96	ng		97
70) Pentachlorophenol	17.083	266	196015	75.23	ng		98
71) Phenanthrene	17.477	178	1171373	59.87	ng		99
72) Anthracene	17.571	178	1148623	59.51	ng		98
73) Carbazole	17.835	167	1028812	56.45	ng		98
74) Di-n-butylphthalate	18.387	149	1248462	59.57	ng	#	98
75) Fluoranthene	19.480	202	1488933	59.14	ng		97
77) Benzidine	19.657	184	517560	56.82	ng		99
78) Pyrene	19.845	202	1465645	58.72	ng		98
80) Butylbenzylphthalate	20.726	149	579203	59.49	ng		94
81) Benzo(a)anthracene	21.684	228	1486090	60.82	ng		100
82) 3,3'-Dichlorobenzidine	21.595	252	555408	61.26	ng		98
83) Chrysene	21.754	228	1409226	59.96	ng		100
84) Bis(2-ethylhexyl)phtha...	21.584	149	802252	60.38	ng		98
85) Di-n-octyl phthalate	22.800	149	1357248	59.66	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.640	276	1729441	60.68	ng	#	92
88) Benzo(b)fluoranthene	23.910	252	1532765	61.86	ng	#	98
89) Benzo(k)fluoranthene	23.987	252	1477439	61.70	ng	#	97
90) Benzo(a)pyrene	24.792	252	1435243	62.07	ng	#	98
91) Dibenzo(a,h)anthracene	28.699	278	1399775	60.86	ng	#	94
92) Benzo(g,h,i)perylene	29.792	276	1377977	60.00	ng	#	93

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

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