Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047076.D
Acq On : 26 Oct 2020 16:02
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 26 19:01:50 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 :
SSTDICC005

Manual Integrations APPROVED
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10/28/2020 8:05:34 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.058	152	47065	20.00	ng	#	0.00
21) Naphthalene-d8	10.867	136	173652	20.00	ng		0.00
39) Acenaphthene-d10	14.686	164	126533	20.00	ng		0.00
64) Phenanthrene-d10	17.435	188	310270	20.00	ng	#	0.00
76) Chrysene-d12	21.701	240	350524	20.00	ng	#	0.00
86) Perylene-d12	24.938	264	341758	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.620	112	26871	10.11	ng		0.00
7) Phenol-d6	7.206	99	35847	9.52	ng		0.00
23) Nitrobenzene-d5	9.221	82	36859	12.13	ng		0.00
42) 2,4,6-Tribromophenol	16.172	330	20446	11.93	ng		0.00
45) 2-Fluorobiphenyl	13.311	172	98719	11.91	ng		0.00
79) Terphenyl-d14	20.038	244	200150	12.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	6750	6.11	ng	#	91
3) Pyridine	3.910	79	16342	5.05	ng	#	88
4) n-Nitrosodimethylamine	3.822	42	8671	7.27	ng	#	67
6) Aniline	7.377	93	22065	5.21	ng	#	91
8) 2-Chlorophenol	7.617	128	15361	5.47	ng		84
10) Phenol	7.236	94	17011	4.90	ng	#	69
11) bis(2-Chloroethyl)ether	7.471	93	14347	5.14	ng		87
12) 1,3-Dichlorobenzene	7.952	146	19097	5.36	ng	#	92
13) 1,4-Dichlorobenzene	8.093	146	19296m	5.41	ng		
14) 1,2-Dichlorobenzene	8.411	146	18279	5.34	ng		94
15) Benzyl Alcohol	8.293	79	12711	5.26	ng	#	89
16) 2,2'-oxybis(1-Chloropr...	8.575	45	24176	5.59	ng		98
17) 2-Methylphenol	8.493	107	12138	4.93	ng	#	87
18) Hexachloroethane	9.145	117	7321	6.05	ng		90
19) n-Nitroso-di-n-propyla...	8.857	70	12980	5.76	ng	#	89
20) 3+4-Methylphenols	8.816	107	14963	4.41	ng		88
22) Acetophenone	8.881	105	25010	5.92	ng	#	88
24) Nitrobenzene	9.263	77	19425	6.47	ng	#	87
25) Isophorone	9.780	82	33142	5.95	ng	#	91
26) 2-Nitrophenol	9.979	139	7632	4.82	ng	#	65
27) 2,4-Dimethylphenol	10.032	122	10865	4.99	ng		88
28) bis(2-Chloroethoxy)met...	10.267	93	21601	6.02	ng	#	87
29) 2,4-Dichlorophenol	10.514	162	14188	4.89	ng		90
30) 1,2,4-Trichlorobenzene	10.726	180	20340	5.90	ng	#	83
31) Naphthalene	10.919	128	48285	5.69	ng		96
33) 4-Chloroaniline	11.025	127	19716	5.27	ng		94
34) Hexachlorobutadiene	11.201	225	14612	6.53	ng		91
35) Caprolactam	11.760	113	4922	4.53	ng		92
36) 4-Chloro-3-methylphenol	12.136	107	15633	5.50	ng		92
37) 2-Methylnaphthalene	12.518	142	36390	5.44	ng		89
38) 1-Methylnaphthalene	12.741	142	35405	5.59	ng		94
40) 1,2,4,5-Tetrachloroben...	12.888	216	24311	5.83	ng		97
41) Hexachlorocyclopentadiene	12.864	237	10505	5.79	ng		83
43) 2,4,6-Trichlorophenol	13.123	196	14653	5.20	ng		98
44) 2,4,5-Trichlorophenol	13.199	196	15090	5.10	ng	#	91
46) 1,1'-Biphenyl	13.522	154	51204	5.82	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.563	162	40880	5.48	ng		97
48)	2-Nitroaniline	13.769	65	11963	5.77	ng	#	72
49)	Acenaphthylene	14.409	152	60718	5.36	ng	#	95
50)	Dimethylphthalate	14.133	163	56706	5.79	ng	#	97
51)	2,6-Dinitrotoluene	14.251	165	11162	5.17	ng	#	78
52)	Acenaphthene	14.756	154	39624	5.65	ng		89
53)	3-Nitroaniline	14.586	138	9844	4.21	ng	#	81
55)	Dibenzofuran	15.085	168	63713	5.66	ng		98
56)	4-Nitrophenol	14.891	139	6571	3.82	ng	#	87
57)	2,4-Dinitrotoluene	15.038	165	14419	4.69	ng	#	71
58)	Fluorene	15.731	166	52544	5.56	ng		94
59)	2,3,4,6-Tetrachlorophenol	15.308	232	16834	5.86	ng	#	95
60)	Diethylphthalate	15.491	149	55486	5.81	ng		94
61)	4-Chlorophenyl-phenyle...	15.726	204	30210	5.80	ng		95
62)	4-Nitroaniline	15.743	138	10323	4.19	ng	#	67
63)	Azobenzene	16.013	77	49893	6.43	ng		87
65)	4,6-Dinitro-2-methylph...	15.802	198	7859	4.48	ng		90
66)	n-Nitrosodiphenylamine	15.937	169	45934	5.49	ng		94
67)	4-Bromophenyl-phenylether	16.619	248	21771	6.01	ng		95
68)	Hexachlorobenzene	16.742	284	22613	5.64	ng		94
69)	Atrazine	16.877	200	19278	5.65	ng		91
70)	Pentachlorophenol	17.083	266	10942	5.22	ng		93
71)	Phenanthrene	17.476	178	88046	5.60	ng		95
72)	Anthracene	17.565	178	88640	5.71	ng		94
73)	Carbazole	17.835	167	74673	5.10	ng	#	98
74)	Di-n-butylphthalate	18.387	149	93916	5.57	ng	#	96
75)	Fluoranthene	19.480	202	115998	5.73	ng		94
77)	Benzidine	19.662	184	43847	5.38	ng	#	92
78)	Pyrene	19.844	202	114263	5.12	ng		95
80)	Butylbenzylphthalate	20.720	149	41080	4.72	ng		87
81)	Benzo(a)anthracene	21.683	228	123175	5.64	ng		91
82)	3,3'-Dichlorobenzidine	21.595	252	40851	5.04	ng		100
83)	Chrysene	21.748	228	115887	5.51	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.583	149	60449	5.09	ng	#	90
85)	Di-n-octyl phthalate	22.794	149	100490	4.94	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.616	276	126623	5.16	ng	#	67
88)	Benzo(b)fluoranthene	23.904	252	116676	5.47	ng	#	95
89)	Benzo(k)fluoranthene	23.969	252	112643	5.46	ng	#	97
90)	Benzo(a)pyrene	24.774	252	107675	5.41	ng	#	95
91)	Dibenzo(a,h)anthracene	28.669	278	104637	5.28	ng	#	97
92)	Benzo(g,h,i)perylene	29.768	276	105446	5.33	ng	#	87

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

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