Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045395.D
Acq On : 15 May 2020 13:06
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
5/18/2020 1:19:57 PM

Quant Time: May 15 14:19:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 13:09:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	76267	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	293210	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	199689	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	471491	20.00	ng		0.00
76) Chrysene-d12	21.62	240	440024	20.00	ng		0.00
87) Perylene-d12	24.78	264	494599	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	375389	81.26	ng		0.00
7) Phenol-d6	7.14	99	532256	77.55	ng		0.00
23) Nitrobenzene-d5	9.13	82	527619	82.11	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	251162	81.42	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1142693	83.91	ng		0.00
79) Terphenyl-d14	19.98	244	1856162	91.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	91576	44.606	ng		99
3) Pyridine	3.82	79	259303	41.021	ng		95
4) n-Nitrosodimethylamine	3.73	42	87780	45.331	ng		91
6) Aniline	7.29	93	346580	38.837	ng		99
8) 2-Chlorophenol	7.54	128	202284	40.744	ng		98
9) Benzaldehyde	7.09	77	177236	43.578	ng		94
10) Phenol	7.17	94	273165	39.772	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	208602	38.147	ng		95
12) 1,3-Dichlorobenzene	7.86	146	245534	41.969	ng		99
13) 1,4-Dichlorobenzene	8.00	146	242653	41.625	ng		95
14) 1,2-Dichlorobenzene	8.32	146	229844	41.212	ng		96
15) Benzyl Alcohol	8.21	79	223293	38.803	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	200962	37.438	ng		100
17) 2-Methylphenol	8.42	107	207935	39.239	ng		98
18) Hexachloroethane	9.05	117	93869	42.833	ng		98
19) n-Nitroso-di-n-propylamine	8.77	70	178966	36.870	ng		97
20) 3+4-Methylphenols	8.75	107	275145	37.095	ng		97
22) Acetophenone	8.79	105	342019	43.134	ng	#	99
24) Nitrobenzene	9.17	77	280890	42.644	ng		100
25) Isophorone	9.70	82	514980	39.134	ng		97
26) 2-Nitrophenol	9.88	139	122450	43.158	ng		94
27) 2,4-Dimethylphenol	9.95	122	175746	39.038	ng		97
28) bis(2-Chloroethoxy)methane	10.18	93	274022	39.632	ng		97
29) 2,4-Dichlorophenol	10.43	162	213592	41.089	ng		99
30) 1,2,4-Trichlorobenzene	10.64	180	252341	42.874	ng		97
31) Naphthalene	10.82	128	658843	41.075	ng		98
32) Benzoic acid	10.11	122	117508	34.800	ng		91
33) 4-Chloroaniline	10.93	127	281149	37.584	ng		97
34) Hexachlorobutadiene	11.12	225	173589	43.018	ng		97
35) Caprolactam	11.71	113	75659	36.569	ng		94
36) 4-Chloro-3-methylphenol	12.06	107	236851	38.786	ng		98
37) 2-Methylnaphthalene	12.43	142	497960	39.997	ng		97
38) 1-Methylnaphthalene	12.65	142	463862m	39.466	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	275610	42.867	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	168337	41.890 ng	98
43) 2,4,6-Trichlorophenol	13.05	196	189988	41.869 ng	99
44) 2,4,5-Trichlorophenol	13.12	196	215712	41.764 ng	98
46) 1,1'-Biphenyl	13.44	154	603397	39.755 ng	100
47) 2-Chloronaphthalene	13.49	162	482277	41.585 ng	100
48) 2-Nitroaniline	13.69	65	162605	42.614 ng	89
49) Acenaphthylene	14.33	152	781626	41.377 ng	99
50) Dimethylphthalate	14.07	163	655005	40.284 ng	99
51) 2,6-Dinitrotoluene	14.18	165	148943	40.954 ng	99
52) Acenaphthene	14.68	154	528152m	41.323 ng	
53) 3-Nitroaniline	14.51	138	153266	38.425 ng	96
54) 2,4-Dinitrophenol	14.72	184	92499	42.773 ng	97
55) Dibenzofuran	15.01	168	769612	41.302 ng	98
56) 4-Nitrophenol	14.84	139	113957	36.847 ng	96
57) 2,4-Dinitrotoluene	14.97	165	214397	40.340 ng	99
58) Fluorene	15.66	166	633697	41.634 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	188024	40.912 ng	99
60) Diethylphthalate	15.43	149	678162	40.004 ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	360458	41.145 ng	100
62) 4-Nitroaniline	15.68	138	159849	38.638 ng	99
63) Azobenzene	15.95	77	637875	40.813 ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	136904	44.175 ng	93
66) n-Nitrosodiphenylamine	15.87	169	548406	40.482 ng	98
67) 4-Bromophenyl-phenylether	16.55	248	252421	41.499 ng	100
68) Hexachlorobenzene	16.68	284	257181	40.768 ng	97
69) Atrazine	16.82	200	226273	41.789 ng	99
70) Pentachlorophenol	17.02	266	144472	37.332 ng	97
71) Phenanthrene	17.40	178	992844	40.978 ng	100
72) Anthracene	17.49	178	996701	41.010 ng	98
73) Carbazole	17.76	167	975748	39.562 ng	99
74) Di-n-butylphthalate	18.33	149	1157660	40.027 ng	99
75) Fluoranthene	19.41	202	1247849	40.576 ng	99
77) Benzidine	19.59	184	599514	42.336 ng	99
78) Pyrene	19.78	202	1239544	40.861 ng	100
80) Butylbenzylphthalate	20.66	149	531434	42.263 ng	98
81) Benzo(a)anthracene	21.60	228	1192423	41.810 ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	469785	41.385 ng	100
83) Chrysene	21.67	228	1158217	42.267 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	723831	41.854 ng	98
85) Di-n-octyl phthalate	22.71	149	1257373	42.044 ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1519035	41.753 ng	99
88) Benzo(b)fluoranthene	23.78	252	1307137	42.191 ng	99
89) Benzo(k)fluoranthene	23.85	252	1230747	41.772 ng	100
90) Benzo(a)pyrene	24.64	252	1216531	41.589 ng	99
91) Dibenzo(a,h)anthracene	28.44	278	1215594	41.242 ng	97
92) Benzo(g,h,i)perylene	29.49	276	1213652	41.071 ng	99

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

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