Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035593.D
Acq On : 12 Jul 2018 13:57
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:28 PM

Quant Time: Jul 12 14:33:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 12:41:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40984	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	169030	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	120413	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	319061	20.00	ng		0.00
75) Chrysene-d12	21.70	240	332888	20.00	ng		0.00
86) Perylene-d12	24.91	264	327499	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	384901	158.49	ng		0.00
7) Phenol-d6	7.23	99	585967	163.48	ng		0.00
23) Nitrobenzene-d5	9.22	82	642000	180.54	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	263357	170.85	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1344186	145.12	ng		0.00
78) Terphenyl-d14	20.03	244	2163789	136.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	90966	78.507	ng	#	74
3) Pyridine	3.95	79	272102	87.035	ng	#	76
4) n-Nitrosodimethylamine	3.87	42	109837	81.778	ng	#	82
6) Aniline	7.39	93	374847	80.904	ng		99
8) 2-Chlorophenol	7.63	128	201196	79.037	ng		98
9) Benzaldehyde	7.20	77	145579	52.728	ng		98
10) Phenol	7.25	94	296062	79.814	ng		91
11) bis(2-Chloroethyl)ether	7.48	93	229458	79.698	ng		95
12) 1,3-Dichlorobenzene	7.95	146	236890	77.994	ng	#	94
13) 1,4-Dichlorobenzene	8.10	146	239600	76.418	ng		96
14) 1,2-Dichlorobenzene	8.41	146	228807	77.691	ng		97
15) Benzyl Alcohol	8.30	79	277457	81.692	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	188066	65.629	ng		78
17) 2-Methylphenol	8.50	107	201435	82.367	ng	#	91
18) Hexachloroethane	9.14	117	92970	82.825	ng		95
19) n-Nitroso-di-n-propylamine	8.87	70	238206	78.224	ng		89
20) 3+4-Methylphenols	8.83	107	285547	81.459	ng		92
22) Acetophenone	8.88	105	405753	77.492	ng		93
24) Nitrobenzene	9.27	77	316424	86.898	ng		92
25) Isophorone	9.79	82	591448	78.779	ng		99
26) 2-Nitrophenol	9.98	139	123631	98.500	ng	#	90
27) 2,4-Dimethylphenol	10.03	122	195969	74.281	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	321123	79.594	ng		97
29) 2,4-Dichlorophenol	10.51	162	231405	80.611	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	267945	77.842	ng		98
31) Naphthalene	10.92	128	673728	76.726	ng		99
32) Benzoic acid	10.22	122	148079m	83.797	ng		
33) 4-Chloroaniline	11.02	127	301614	79.106	ng	#	90
34) Hexachlorobutadiene	11.20	225	210927	78.792	ng		94
35) Caprolactam	11.82	113	96144	90.624	ng	#	72
36) 4-Chloro-3-methylphenol	12.14	107	297519	83.143	ng		91
37) 2-Methylnaphthalene	12.51	142	518083	77.821	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	358997	80.042	ng		99
40) Hexachlorocyclopentadiene	12.86	237	206795	73.525	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	222445	82.828	ng		96
43) 2,4,5-Trichlorophenol	13.20	196	241604	81.964	ng		97
45) 1,1'-Biphenyl	13.52	154	724640	74.841	ng		96
46) 2-Chloronaphthalene	13.56	162	560581	76.577	ng		96
47) 2-Nitroaniline	13.76	65	216641	100.218	ng		94
48) Acenaphthylene	14.41	152	927352	75.548	ng		98
49) Dimethylphthalate	14.13	163	798463	76.041	ng		99
50) 2,6-Dinitrotoluene	14.26	165	173285	90.459	ng		95
51) Acenaphthene	14.75	154	585978	73.063	ng		98
52) 3-Nitroaniline	14.59	138	178243	94.824	ng	#	91
53) 2,4-Dinitrophenol	14.79	184	90249	116.411	ng	#	67
54) Dibenzofuran	15.08	168	906230	75.446	ng		92
55) 4-Nitrophenol	14.90	139	134931	85.053	ng	#	88
56) 2,4-Dinitrotoluene	15.05	165	253448	99.599	ng		93
57) Fluorene	15.73	166	762717	75.979	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.30	232	234894	82.029	ng		94
59) Diethylphthalate	15.49	149	811794	75.776	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	451117	78.808	ng		99
61) 4-Nitroaniline	15.76	138	186432	92.481	ng	#	80
62) Azobenzene	16.01	77	798629	76.074	ng		97
64) 4,6-Dinitro-2-methylphenol	15.81	198	155632	106.836	ng		89
65) n-Nitrosodiphenylamine	15.93	169	714878	74.608	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	300991	78.337	ng		96
67) Hexachlorobenzene	16.73	284	308997	79.012	ng		96
68) Atrazine	16.88	200	261889	64.093	ng		97
69) Pentachlorophenol	17.07	266	203125	77.242	ng		99
70) Phenanthrene	17.47	178	1216601	75.063	ng		96
71) Anthracene	17.56	178	1216818	74.950	ng		97
72) Carbazole	17.82	167	1159636	76.984	ng	#	96
73) Di-n-butylphthalate	18.38	149	1339850	74.626	ng	#	96
74) Fluoranthene	19.47	202	1582946	75.055	ng		95
76) Benzidine	19.65	184	626719	50.605	ng		96
77) Pyrene	19.83	202	1611579	73.436	ng		94
79) Butylbenzylphthalate	20.71	149	625831	78.535	ng	#	95
80) Benzo(a)anthracene	21.67	228	1602024	75.310	ng		96
81) 3,3'-Dichlorobenzidine	21.59	252	581104	72.609	ng	#	99
82) Chrysene	21.74	228	1474928	75.728	ng		94
83) Bis(2-ethylhexyl)phthalate	21.57	149	842198	74.796	ng	#	97
84) Di-n-octyl phthalate	22.78	149	1421246	73.573	ng		95
85) Indeno(1,2,3-cd)pyrene	28.60	276	1768602	77.533	ng	#	90
87) Benzo(b)fluoranthene	23.89	252	1564934	77.595	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	1527058	77.402	ng	#	97
89) Benzo(a)pyrene	24.77	252	1483086	78.149	ng	#	96
90) Dibenzo(a,h)anthracene	28.66	278	1454993	77.665	ng	#	94
91) Benzo(g,h,i)perylene	29.74	276	1457358	79.489	ng	#	91

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

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