Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070319\
Data File : BG041601.D
Acq On : 3 Jul 2019 22:18
Operator : HP/JU
Sample : K3650-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-051MS

Manual Integrations APPROVED
mohammad
7/8/2019 2:11:37 PM

Quant Time: Jul 05 08:39:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31354	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	117660	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	82282	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	211449	20.00	ng	0.00
76) Chrysene-d12	21.70	240	224980	20.00	ng	0.00
87) Perylene-d12	24.98	264	247227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	162546	92.43	ng	0.00
7) Phenol-d6	7.18	99	235418	95.09	ng	0.00
23) Nitrobenzene-d5	9.21	82	163825	58.07	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	128772	91.66	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	356899	55.66	ng	0.00
79) Terphenyl-d14	20.02	244	651003	61.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	17508	21.993	ng	96
3) Pyridine	3.82	79	41065	20.331	ng	97
4) n-Nitrosodimethylamine	3.74	42	31432	27.965	ng	90
6) Aniline	7.36	93	38078	11.932	ng	93
8) 2-Chlorophenol	7.59	128	63316	32.103	ng	91
9) Benzaldehyde	7.17	77	39270	26.266	ng	100
10) Phenol	7.21	94	80117	32.110	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	53799	27.189	ng	96
12) 1,3-Dichlorobenzene	7.91	146	69236	27.137	ng	97
13) 1,4-Dichlorobenzene	8.07	146	70082	27.247	ng	96
14) 1,2-Dichlorobenzene	8.38	146	67135	27.262	ng	97
15) Benzyl Alcohol	8.27	79	60176	30.522	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	68301	24.580	ng	94
17) 2-Methylphenol	8.48	107	56966	31.364	ng	94
18) Hexachloroethane	9.11	117	26988	26.593	ng	87
19) n-Nitroso-di-n-propylamine	8.84	70	49941	27.044	ng	99
20) 3+4-Methylphenols	8.81	107	76796	31.723	ng	97
22) Acetophenone	8.87	105	102251m	28.972	ng	
24) Nitrobenzene	9.25	77	85131	30.064	ng	99
25) Isophorone	9.76	82	143410	28.314	ng	98
26) 2-Nitrophenol	9.96	139	35602	30.105	ng	95
27) 2,4-Dimethylphenol	10.01	122	59515	36.160	ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	74604	27.855	ng	98
29) 2,4-Dichlorophenol	10.50	162	72639	32.674	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	84507	29.658	ng	92
31) Naphthalene	10.90	128	195273	30.010	ng	97
32) Benzoic acid	10.15	122	4385m	8.957	ng	
33) 4-Chloroaniline	11.02	127	35552	12.980	ng	96
34) Hexachlorobutadiene	11.16	225	65230	28.840	ng	94
35) Caprolactam	11.81	113	20034	28.861	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	78124	32.434	ng	98
37) 2-Methylnaphthalene	12.50	142	145121	30.188	ng	96
38) 1-Methylnaphthalene	12.72	142	135045	29.446	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	113781	31.404	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	77200	41.128	ng		92
43) 2,4,6-Trichlorophenol	13.11	196	67634	31.463	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	68940	32.191	ng		91
46) 1,1'-Biphenyl	13.51	154	197267	30.371	ng		97
47) 2-Chloronaphthalene	13.55	162	163462	29.313	ng		98
48) 2-Nitroaniline	13.77	65	50503	26.717	ng		94
49) Acenaphthylene	14.40	152	253757	30.445	ng		99
50) Dimethylphthalate	14.12	163	261807	34.964	ng		98
51) 2,6-Dinitrotoluene	14.26	165	45963	28.925	ng		97
52) Acenaphthene	14.74	154	146702	29.681	ng		97
53) 3-Nitroaniline	14.60	138	28037	18.482	ng		95
54) 2,4-Dinitrophenol	14.81	184	23666	28.191	ng		94
55) Dibenzofuran	15.07	168	263672	30.643	ng		99
56) 4-Nitrophenol	14.91	139	60646	61.947	ng		95
57) 2,4-Dinitrotoluene	15.05	165	64200	27.850	ng	#	93
58) Fluorene	15.72	166	206061	30.102	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	74766	33.116	ng		98
60) Diethylphthalate	15.48	149	215145	28.070	ng		97
61) 4-Chlorophenyl-phenylether	15.70	204	128555	29.115	ng		96
62) 4-Nitroaniline	15.76	138	36829	24.911	ng		90
63) Azobenzene	16.00	77	183687	28.425	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	32476	24.799	ng		95
66) n-Nitrosodiphenylamine	15.93	169	180757	31.060	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	87764	30.373	ng		96
68) Hexachlorobenzene	16.71	284	93162	29.924	ng		99
69) Atrazine	16.87	200	78746	31.967	ng		96
70) Pentachlorophenol	17.07	266	97561	69.159	ng		97
71) Phenanthrene	17.47	178	348068	29.877	ng		98
72) Anthracene	17.56	178	354283	30.393	ng		100
73) Carbazole	17.83	167	301514	30.428	ng		99
74) Di-n-butylphthalate	18.36	149	343998	27.620	ng		100
75) Fluoranthene	19.47	202	453158	29.175	ng		100
77) Benzidine	19.66	184	63648	12.750	ng		99
78) Pyrene	19.83	202	463084	30.151	ng		98
80) Butylbenzylphthalate	20.70	149	153249	26.717	ng		97
81) Benzo(a)anthracene	21.67	228	455978	29.152	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	87990	16.246	ng		96
83) Chrysene	21.74	228	450042	29.725	ng		96
84) Bis(2-ethylhexyl)phthalate	21.54	149	220701	27.141	ng		98
85) Di-n-octyl phthalate	22.76	149	382209	27.775	ng		98
86) Indeno(1,2,3-cd)pyrene	28.75	276	546458	29.807	ng	#	99
88) Benzo(b)fluoranthene	23.93	252	453309	28.747	ng		100
89) Benzo(k)fluoranthene	24.00	252	461776	29.828	ng		99
90) Benzo(a)pyrene	24.83	252	448972	29.978	ng		99
91) Dibenzo(a,h)anthracene	28.81	278	457561	30.496	ng		98
92) Benzo(g,h,i)perylene	29.95	276	455992	30.567	ng		99

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

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