Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
Data File : BG027639.D
Acq On : 23 Jun 2017 20:31
Operator : SJ/JU
Sample : I3868-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-062217-AMS

Manual Integrations APPROVED
mohammad
6/28/2017 1:15:24 PM

Quant Time: Jun 24 02:18:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	21170	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	93852	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	60175	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	156931	20.00	ng		0.00
75) Chrysene-d12	22.21	240	187472	20.00	ng		0.00
86) Perylene-d12	25.84	264	170388	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	189418	127.34	ng		0.00
7) Phenol-d6	7.65	99	242541	110.14	ng		0.00
23) Nitrobenzene-d5	9.67	82	186281	93.92	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	155231	173.03	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	418066	94.90	ng		0.00
78) Terphenyl-d14	20.42	244	803971	101.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.11	88	19494	33.76	ng		89
3) Pyridine	4.49	79	55993	29.95	ng	#	82
4) n-Nitrosodimethylamine	4.39	42	36590	42.88	ng	#	94
6) Aniline	7.84	93	34222	12.73	ng		97
8) 2-Chlorophenol	8.08	128	71004	45.11	ng		92
9) Benzaldehyde	7.65	77	32536	21.74	ng		97
10) Phenol	7.67	94	84345	37.60	ng		98
11) bis(2-Chloroethyl)ether	7.91	93	68524	39.03	ng		92
12) 1,3-Dichlorobenzene	8.40	146	62430	37.58	ng		97
13) 1,4-Dichlorobenzene	8.54	146	64445	38.42	ng		95
14) 1,2-Dichlorobenzene	8.86	146	63200	38.34	ng		95
15) Benzyl Alcohol	8.74	79	79037	44.95	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.02	45	90795	31.17	ng		86
17) 2-Methylphenol	8.93	107	63629	40.31	ng		93
18) Hexachloroethane	9.59	117	25792	39.21	ng		88
19) n-Nitroso-di-n-propylamine	9.30	70	62803	35.91	ng		91
20) 3+4-Methylphenols	9.25	107	86801	40.16	ng		94
22) Acetophenone	9.32	105	115452	44.86	ng	#	90
24) Nitrobenzene	9.71	77	94021	43.25	ng		94
25) Isophorone	10.23	82	175988	43.19	ng		99
26) 2-Nitrophenol	10.43	139	38652	48.07	ng		93
27) 2,4-Dimethylphenol	10.46	122	75581	49.77	ng		94
28) bis(2-Chloroethoxy)methane	10.70	93	96274	41.92	ng		97
29) 2,4-Dichlorophenol	10.96	162	70944	54.08	ng		96
30) 1,2,4-Trichlorobenzene	11.18	180	71303	47.55	ng		99
31) Naphthalene	11.37	128	222543	43.87	ng		99
32) Benzoic acid	10.59	122	45838	43.30	ng		90
34) Hexachlorobutadiene	11.64	225	45579	50.29	ng		98
35) Caprolactam	12.25	113	22343m	36.55	ng		
36) 4-Chloro-3-methylphenol	12.55	107	100532	49.97	ng		97
37) 2-Methylnaphthalene	12.94	142	172554	46.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	93650	49.63	ng		98
40) Hexachlorocyclopentadiene	13.28	237	120488	119.12	ng		98
42) 2,4,6-Trichlorophenol	13.53	196	65723	53.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.61	196	72505	50.60	ng		99
45) 1,1'-Biphenyl	13.92	154	234194	46.68	ng		97
46) 2-Chloronaphthalene	13.98	162	174140	46.66	ng		93
47) 2-Nitroaniline	14.17	65	72545	43.30	ng		96
48) Acenaphthylene	14.82	152	283926	43.42	ng		97
49) Dimethylphthalate	14.53	163	252037	47.84	ng		97
50) 2,6-Dinitrotoluene	14.65	165	56564	49.48	ng		92
51) Acenaphthene	15.16	154	193771	42.53	ng		99
52) 3-Nitroaniline	14.99	138	10085	8.36	ng		97
53) 2,4-Dinitrophenol	15.19	184	69929	108.22	ng	#	81
54) Dibenzofuran	15.49	168	291257	49.08	ng		97
55) 4-Nitrophenol	15.28	139	83098	82.25	ng	#	83
56) 2,4-Dinitrotoluene	15.44	165	83002	51.20	ng	#	97
57) Fluorene	16.13	166	252743	44.97	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	73465m	58.22	ng		
59) Diethylphthalate	15.88	149	271046	47.15	ng		97
60) 4-Chlorophenyl-phenylether	16.11	204	131448	47.53	ng		93
61) 4-Nitroaniline	16.15	138	48181	36.39	ng		92
62) Azobenzene	16.41	77	269086	45.65	ng		97
64) 4,6-Dinitro-2-methylphenol	16.20	198	48323	48.49	ng		81
65) n-Nitrosodiphenylamine	16.33	169	216158	44.93	ng		98
66) 4-Bromophenyl-phenylether	17.01	248	87802	50.87	ng		92
67) Hexachlorobenzene	17.14	284	92638	50.23	ng		95
68) Atrazine	17.26	200	42708	24.23	ng		98
69) Pentachlorophenol	17.48	266	121739	106.26	ng		97
70) Phenanthrene	17.88	178	417055	46.72	ng		94
71) Anthracene	17.98	178	426485	47.45	ng		95
72) Carbazole	18.24	167	349634	39.93	ng		97
73) Di-n-butylphthalate	18.76	149	475171	48.43	ng		95
74) Fluoranthene	19.87	202	508625	48.90	ng		94
77) Pyrene	20.23	202	525061	46.07	ng		94
79) Butylbenzylphthalate	21.11	149	222384	46.75	ng		97
80) Benzo(a)anthracene	22.18	228	527757	46.92	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	18262	4.49	ng	#	92
82) Chrysene	22.26	228	487495	45.74	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	316556	45.40	ng		97
84) Di-n-octyl phthalate	23.39	149	540502	46.61	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.04	276	585028	48.17	ng		98
87) Benzo(b)fluoranthene	24.68	252	518813	47.62	ng	#	96
88) Benzo(k)fluoranthene	24.76	252	520934	48.88	ng	#	94
89) Benzo(a)pyrene	25.67	252	498709	48.51	ng	#	96
90) Dibenzo(a,h)anthracene	30.11	278	508653	48.57	ng		97
91) Benzo(g,h,i)perylene	31.36	276	470419	46.25	ng	#	93

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

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