Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062317\
Data File : BG027640.D
Acq On : 23 Jun 2017 21:11
Operator : SJ/JU
Sample : I3868-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad

Quant Time: Jun 24 02:20:57 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

6/28/2017 1:15:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	18819	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	87404	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	58418	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	160359	20.00	ng		0.00
75) Chrysene-d12	22.21	240	187619	20.00	ng		0.00
86) Perylene-d12	25.84	264	174288	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	170344	128.83	ng		0.00
7) Phenol-d6	7.65	99	218699	111.72	ng		0.00
23) Nitrobenzene-d5	9.67	82	164083	88.83	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	152303	174.88	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	379046	88.63	ng		0.00
78) Terphenyl-d14	20.41	244	789603	99.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.10	88	16727	32.58	ng	#	89
3) Pyridine	4.48	79	45091	27.13	ng		83
4) n-Nitrosodimethylamine	4.38	42	31790	41.91	ng		83
6) Aniline	7.83	93	48188	20.17	ng		96
8) 2-Chlorophenol	8.07	128	64624	46.19	ng		90
9) Benzaldehyde	7.65	77	31108	23.39	ng		96
10) Phenol	7.67	94	76466	38.35	ng		95
11) bis(2-Chloroethyl)ether	7.91	93	59178	37.92	ng		91
12) 1,3-Dichlorobenzene	8.40	146	57313	38.81	ng		99
13) 1,4-Dichlorobenzene	8.54	146	60185	40.36	ng		95
14) 1,2-Dichlorobenzene	8.86	146	57883	39.50	ng		94
15) Benzyl Alcohol	8.73	79	72087	46.12	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.01	45	82096	31.70	ng		87
17) 2-Methylphenol	8.93	107	58691	41.83	ng		93
18) Hexachloroethane	9.60	117	23008	39.35	ng		88
19) n-Nitroso-di-n-propylamine	9.30	70	56579	36.39	ng	#	86
20) 3+4-Methylphenols	9.25	107	78442	40.83	ng		95
22) Acetophenone	9.33	105	106022	44.23	ng	#	87
24) Nitrobenzene	9.71	77	86007	42.48	ng	#	91
25) Isophorone	10.22	82	160031	42.17	ng		97
26) 2-Nitrophenol	10.42	139	34669	46.29	ng		99
27) 2,4-Dimethylphenol	10.46	122	69161	48.90	ng		97
28) bis(2-Chloroethoxy)methane	10.70	93	87577	40.94	ng		98
29) 2,4-Dichlorophenol	10.96	162	64744	53.00	ng		96
30) 1,2,4-Trichlorobenzene	11.18	180	62481	44.74	ng		95
31) Naphthalene	11.38	128	201101	42.57	ng		99
32) Benzoic acid	10.58	122	41949	42.68	ng		97
34) Hexachlorobutadiene	11.65	225	39353	46.63	ng		96
35) Caprolactam	12.25	113	21257m	37.34	ng		
36) 4-Chloro-3-methylphenol	12.56	107	96443	51.48	ng		99
37) 2-Methylnaphthalene	12.94	142	155014	45.15	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	83030	45.32	ng		97
40) Hexachlorocyclopentadiene	13.27	237	107452	109.43	ng		95
42) 2,4,6-Trichlorophenol	13.53	196	62010	52.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.60	196	70557	50.72	ng		99
45) 1,1'-Biphenyl	13.93	154	213703	43.87	ng		97
46) 2-Chloronaphthalene	13.97	162	161861	44.68	ng		93
47) 2-Nitroaniline	14.17	65	74299	45.68	ng		96
48) Acenaphthylene	14.81	152	268916	42.36	ng		98
49) Dimethylphthalate	14.53	163	248801	48.64	ng		97
50) 2,6-Dinitrotoluene	14.65	165	55519	50.02	ng		97
51) Acenaphthene	15.15	154	181805	41.10	ng		98
52) 3-Nitroaniline	14.99	138	14619	12.48	ng	#	98
53) 2,4-Dinitrophenol	15.19	184	72468	115.52	ng	#	81
54) Dibenzofuran	15.48	168	278511	48.34	ng		97
55) 4-Nitrophenol	15.28	139	87601	89.31	ng	#	82
56) 2,4-Dinitrotoluene	15.44	165	82878	52.66	ng	#	96
57) Fluorene	16.14	166	246202	45.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.71	232	71715	58.55	ng		92
59) Diethylphthalate	15.88	149	273688	49.04	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	126924	47.27	ng		97
61) 4-Nitroaniline	16.15	138	55757	43.38	ng		87
62) Azobenzene	16.41	77	269069	47.02	ng		96
64) 4,6-Dinitro-2-methylphenol	16.20	198	50202	49.30	ng		80
65) n-Nitrosodiphenylamine	16.33	169	223491	45.46	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	85873	48.69	ng	#	89
67) Hexachlorobenzene	17.14	284	92753	49.21	ng		92
68) Atrazine	17.26	200	76123	42.27	ng		99
69) Pentachlorophenol	17.48	266	119955	102.46	ng		96
70) Phenanthrene	17.88	178	417789	45.80	ng		95
71) Anthracene	17.97	178	428215	46.62	ng		96
72) Carbazole	18.24	167	377899	42.23	ng		95
73) Di-n-butylphthalate	18.76	149	478894	47.77	ng	#	95
74) Fluoranthene	19.87	202	505962	47.61	ng		95
77) Pyrene	20.24	202	521976	45.77	ng		95
79) Butylbenzylphthalate	21.11	149	221931	46.62	ng		96
80) Benzo(a)anthracene	22.19	228	516094	45.85	ng		94
81) 3,3'-Dichlorobenzidine	22.08	252	69047	16.96	ng	#	96
82) Chrysene	22.26	228	483872	45.36	ng		95
83) Bis(2-ethylhexyl)phthalate	22.03	149	314292	45.04	ng		97
84) Di-n-octyl phthalate	23.39	149	538211	46.37	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.04	276	588176	48.39	ng	#	92
87) Benzo(b)fluoranthene	24.68	252	523247m	46.96	ng		
88) Benzo(k)fluoranthene	24.76	252	499412	45.81	ng		95
89) Benzo(a)pyrene	25.68	252	492806	46.86	ng	#	95
90) Dibenzo(a,h)anthracene	30.11	278	500381	46.71	ng		99
91) Benzo(g,h,i)perylene	31.35	276	475525	45.70	ng	#	93

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

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