Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027228.D
Acq On : 6 Jun 2017 1:09
Operator : SJ/MA
Sample : I3407-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0025MS

Manual Integrations APPROVED
mohammad
6/6/2017 5:14:26 PM

Quant Time: Jun 06 11:00:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.57	152	59216	20.00	ng		0.00
21) Naphthalene-d8	11.39	136	276589	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	176202	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	391941	20.00	ng		0.00
75) Chrysene-d12	22.30	240	448469	20.00	ng		0.00
86) Perylene-d12	26.00	264	421232	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	192346	49.57	ng		0.00
7) Phenol-d6	7.70	99	174172	30.58	ng		0.00
23) Nitrobenzene-d5	9.73	82	356743	81.11	ng		0.00
41) 2,4,6-Tribromophenol	16.64	330	269278	116.05	ng		0.00
44) 2-Fluorobiphenyl	13.78	172	898842	71.36	ng		0.00
78) Terphenyl-d14	20.49	244	1210470	68.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	18823	11.70	ng	#	77
3) Pyridine	4.55	79	44889	9.05	ng	#	71
4) n-Nitrosodimethylamine	4.46	42	26149	14.24	ng	#	60
6) Aniline	7.89	93	128637	17.93	ng	#	89
8) 2-Chlorophenol	8.14	128	126220	30.80	ng		89
9) Benzaldehyde	7.72	77	75238	19.10	ng	#	1
10) Phenol	7.72	94	66443	11.41	ng		78
11) bis(2-Chloroethyl)ether	7.98	93	156580	32.77	ng		84
12) 1,3-Dichlorobenzene	8.46	146	146298	31.65	ng	#	91
13) 1,4-Dichlorobenzene	8.61	146	150776	31.79	ng		95
14) 1,2-Dichlorobenzene	8.93	146	147769	31.94	ng		94
15) Benzyl Alcohol	8.79	79	87887	21.90	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	9.09	45	214147	31.32	ng		89
17) 2-Methylphenol	8.98	107	98460	23.91	ng	#	85
18) Hexachloroethane	9.66	117	80522	50.40	ng	#	31
19) n-Nitroso-di-n-propylamine	9.36	70	135903	34.10	ng	#	85
20) 3+4-Methylphenols	9.30	107	120490	21.12	ng		88
22) Acetophenone	9.39	105	340146	48.09	ng	#	81
24) Nitrobenzene	9.77	77	190307	37.98	ng	#	87
25) Isophorone	10.30	82	369907	35.77	ng	#	96
26) 2-Nitrophenol	10.49	139	78738	39.60	ng	#	74
27) 2,4-Dimethylphenol	10.53	122	157733	35.47	ng		90
28) bis(2-Chloroethoxy)methane	10.77	93	234052	34.95	ng		99
29) 2,4-Dichlorophenol	11.02	162	151831	37.40	ng		98
30) 1,2,4-Trichlorobenzene	11.24	180	156443	34.81	ng		95
31) Naphthalene	11.44	128	1030229	68.15	ng		99
32) Benzoic acid	10.60	122	26204m	15.12	ng		
33) 4-Chloroaniline	11.54	127	152234	24.17	ng	#	88
34) Hexachlorobutadiene	11.72	225	90783	32.86	ng		97
35) Caprolactam	12.41	113	9051m	6.50	ng		
36) 4-Chloro-3-methylphenol	12.61	107	169699	33.36	ng		90
37) 2-Methylnaphthalene	13.01	142	539327m	48.91	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.36	216	187173	34.10	ng		98
40) Hexachlorocyclopentadiene	13.34	237	180114	61.65	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.59	196	134688	40.45	ng		98
43) 2,4,5-Trichlorophenol	13.66	196	140198	37.63	ng		95
45) 1,1'-Biphenyl	13.99	154	518690	36.06	ng		97
46) 2-Chloronaphthalene	14.04	162	382129	35.44	ng		99
47) 2-Nitroaniline	14.23	65	119246	40.18	ng	#	80
48) Acenaphthylene	14.88	152	606660	33.24	ng		97
49) Dimethylphthalate	14.60	163	586670	41.97	ng		97
50) 2,6-Dinitrotoluene	14.72	165	105406	38.39	ng	#	77
51) Acenaphthene	15.22	154	452252	38.10	ng		100
52) 3-Nitroaniline	15.05	138	73542	27.46	ng		84
53) 2,4-Dinitrophenol	15.24	184	111614	81.07	ng	#	88
54) Dibenzofuran	15.55	168	614543	37.05	ng		92
55) 4-Nitrophenol	15.33	139	66500	29.38	ng	#	59
56) 2,4-Dinitrotoluene	15.50	165	141474	40.26	ng	#	85
57) Fluorene	16.20	166	496852	33.72	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	133653m	40.19	ng		
59) Diethylphthalate	15.95	149	506084	36.30	ng		99
60) 4-Chlorophenyl-phenylether	16.18	204	254908	34.35	ng		93
61) 4-Nitroaniline	16.21	138	103876	36.13	ng	#	63
62) Azobenzene	16.48	77	498881	38.61	ng		89
64) 4,6-Dinitro-2-methylphenol	16.26	198	80069	46.54	ng		91
65) n-Nitrosodiphenylamine	16.40	169	446164	36.31	ng		99
66) 4-Bromophenyl-phenylether	17.08	248	165304	35.63	ng		97
67) Hexachlorobenzene	17.21	284	173982	34.87	ng		90
68) Atrazine	17.34	200	150569	36.64	ng		97
69) Pentachlorophenol	17.54	266	229519	78.48	ng		97
70) Phenanthrene	17.95	178	774678	35.13	ng		95
71) Anthracene	18.04	178	792537	35.87	ng		98
72) Carbazole	18.31	167	705148	33.84	ng		95
73) Di-n-butylphthalate	18.83	149	851965	42.17	ng	#	94
74) Fluoranthene	19.94	202	886837	37.65	ng		94
76) Benzidine	20.11	184	6701	0.50	ng	#	93
77) Pyrene	20.30	202	905088	33.40	ng		97
79) Butylbenzylphthalate	21.19	149	382734	39.97	ng		91
80) Benzo(a)anthracene	22.28	228	906610	35.45	ng		96
81) 3,3'-Dichlorobenzidine	22.17	252	181004	18.19	ng		96
82) Chrysene	22.35	228	826706	33.67	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	551700	38.13	ng		100
84) Di-n-octyl phthalate	23.54	149	929172	38.77	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.27	276	1066284	35.86	ng	#	89
87) Benzo(b)fluoranthene	24.82	252	928812	35.55	ng	#	96
88) Benzo(k)fluoranthene	24.90	252	896008	34.96	ng	#	94
89) Benzo(a)pyrene	25.83	252	876994	35.66	ng	#	94
90) Dibenzo(a,h)anthracene	30.37	278	910096	35.35	ng	#	94
91) Benzo(g,h,i)perylene	31.62	276	871021	34.94	ng	#	89

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

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