Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
Data File : BG026562.D
Acq On : 5 Apr 2017 17:31
Operator : SJ/MA
Sample : I2537-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1-(0-5)MS

Manual Integrations APPROVED
mohammad
4/6/2017 3:42:20 PM

Quant Time: Apr 06 01:18:06 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	154859	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	628966	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	375815	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	927393	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	1091316	20.00	ng		-0.01
86) Perylene-d12	24.80	264	1090756	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1147316	131.50	ng		0.00
7) Phenol-d6	7.21	99	1404867	119.94	ng		0.00
23) Nitrobenzene-d5	9.20	82	841018	80.40	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	737773	171.43	ng		-0.01
44) 2-Fluorobiphenyl	13.28	172	2314286	86.36	ng		0.00
78) Terphenyl-d14	19.97	244	3416646	76.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	130146	33.23	ng	#	78
3) Pyridine	3.91	79	248798	23.20	ng	#	60
4) n-Nitrosodimethylamine	3.82	42	111370	37.99	ng	#	1
6) Aniline	7.37	93	250840	16.03	ng	#	87
8) 2-Chlorophenol	7.61	128	445076	45.30	ng	#	79
9) Benzaldehyde	7.18	77	188936	23.89	ng	#	67
10) Phenol	7.23	94	493570	39.49	ng	#	68
11) bis(2-Chloroethyl)ether	7.46	93	406109	39.62	ng	#	79
12) 1,3-Dichlorobenzene	7.93	146	475781	40.68	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	487110m	41.17	ng		
14) 1,2-Dichlorobenzene	8.39	146	465888	41.15	ng	#	91
15) Benzyl Alcohol	8.28	79	335847	43.73	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	384682	33.79	ng		80
17) 2-Methylphenol	8.48	107	374398	42.17	ng	#	80
18) Hexachloroethane	9.12	117	150698	38.95	ng		94
19) n-Nitroso-di-n-propylamine	8.84	70	294375	39.09	ng	#	70
20) 3+4-Methylphenols	8.81	107	513713	42.03	ng		86
22) Acetophenone	8.86	105	629380	43.51	ng	#	74
24) Nitrobenzene	9.24	77	423477	41.00	ng	#	71
25) Isophorone	9.76	82	831541	42.18	ng	#	88
26) 2-Nitrophenol	9.95	139	259891	48.36	ng	#	61
27) 2,4-Dimethylphenol	10.01	122	426377	48.33	ng		84
28) bis(2-Chloroethoxy)methane	10.24	93	549753	42.92	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	462813	51.88	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	474616	47.36	ng		99
31) Naphthalene	10.89	128	1418484	44.60	ng		100
32) Benzoic acid	10.12	122	107519	15.84	ng	#	70
33) 4-Chloroaniline	11.00	127	62740	4.85	ng	#	80
34) Hexachlorobutadiene	11.18	225	276712	46.80	ng		99
35) Caprolactam	11.75	113	138618m	39.43	ng		
36) 4-Chloro-3-methylphenol	12.11	107	453716	47.54	ng	#	77
37) 2-Methylnaphthalene	12.49	142	1070291	45.95	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	511753	45.26	ng		98
40) Hexachlorocyclopentadiene	12.84	237	525316	88.26	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	378031	51.06	ng		99
43) 2,4,5-Trichlorophenol	13.16	196	407140	49.75	ng	#	90
45) 1,1'-Biphenyl	13.49	154	1368728	43.98	ng		97
46) 2-Chloronaphthalene	13.53	162	1036917	45.62	ng		97
47) 2-Nitroaniline	13.73	65	268328	41.51	ng	#	44
48) Acenaphthylene	14.37	152	1711817	43.20	ng		99
49) Dimethylphthalate	14.10	163	1360136	47.95	ng		98
50) 2,6-Dinitrotoluene	14.22	165	325928	49.23	ng	#	56
51) Acenaphthene	14.71	154	1087589	44.57	ng		99
52) 3-Nitroaniline	14.55	138	129728	17.80	ng	#	64
53) 2,4-Dinitrophenol	14.76	184	171854	44.75	ng	#	74
54) Dibenzofuran	15.05	168	1680691	48.92	ng	#	89
55) 4-Nitrophenol	14.86	139	521898	87.43	ng	#	39
56) 2,4-Dinitrotoluene	15.00	165	472551	50.75	ng	#	66
57) Fluorene	15.69	166	1382156	45.21	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	389461	54.57	ng	#	95
59) Diethylphthalate	15.45	149	1378851	47.56	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	694205	47.91	ng		89
61) 4-Nitroaniline	15.70	138	358506	46.49	ng	#	48
62) Azobenzene	15.97	77	1084196	45.99	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	203723	34.84	ng		85
65) n-Nitrosodiphenylamine	15.89	169	1258323	46.23	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	480961	50.39	ng		94
67) Hexachlorobenzene	16.70	284	507439	49.84	ng	#	88
68) Atrazine	16.83	200	473067	45.91	ng		97
69) Pentachlorophenol	17.04	266	536301	81.01	ng		98
70) Phenanthrene	17.42	178	2249896	45.18	ng		98
71) Anthracene	17.51	178	2297284	45.21	ng		99
72) Carbazole	17.78	167	2230210	42.63	ng		97
73) Di-n-butylphthalate	18.33	149	2438981	45.38	ng	#	94
74) Fluoranthene	19.42	202	2677620	45.72	ng		97
76) Benzidine	19.60	184	251261	6.68	ng		97
77) Pyrene	19.78	202	2716671	42.99	ng		98
79) Butylbenzylphthalate	20.66	149	1162080	45.96	ng	#	83
80) Benzo(a)anthracene	21.61	228	2688031	43.77	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	505843	20.12	ng		98
82) Chrysene	21.67	228	2489422	42.43	ng		98
83) Bis(2-ethylhexyl)phthalate	21.50	149	1647748	43.15	ng		96
84) Di-n-octyl phthalate	22.69	149	2783725	42.71	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3488641	48.16	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2917273	45.37	ng	#	96
88) Benzo(k)fluoranthene	23.86	252	2825393	45.31	ng	#	97
89) Benzo(a)pyrene	24.66	252	2820897	45.74	ng	#	96
90) Dibenzo(a,h)anthracene	28.48	278	2919172	46.84	ng	#	93
91) Benzo(g,h,i)perylene	29.56	276	2906236	46.28	ng	#	88

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

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