Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026037.D
Acq On : 2 Mar 2017 19:57
Operator : SJ/MA
Sample : I2056-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4B-20MSD

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:47 AM

Quant Time: Mar 03 02:16:25 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	117138	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	505302	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	297468	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	681165	20.00	ng		0.00
75) Chrysene-d12	21.66	240	652619	20.00	ng		-0.02
86) Perylene-d12	24.85	264	629100	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	929394	138.13	ng		-0.01
7) Phenol-d6	7.23	99	1261794	126.73	ng		0.00
23) Nitrobenzene-d5	9.23	82	703123	87.81	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	441271	160.56	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1576765	92.62	ng		-0.02
78) Terphenyl-d14	20.00	244	2051030	76.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	107201	34.86	ng	#	77
3) Pyridine	3.93	79	300834	32.83	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	114378	34.71	ng	#	18
6) Aniline	7.39	93	392324	28.34	ng	#	92
8) 2-Chlorophenol	7.64	128	364100	45.53	ng		85
9) Benzaldehyde	7.20	77	91173	15.45	ng	#	79
10) Phenol	7.26	94	481015	44.46	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	344852	38.78	ng		85
12) 1,3-Dichlorobenzene	7.96	146	373708	40.43	ng	#	89
13) 1,4-Dichlorobenzene	8.11	146	382441	40.84	ng		95
14) 1,2-Dichlorobenzene	8.43	146	369676	40.21	ng		91
15) Benzyl Alcohol	8.30	79	316238	43.37	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	398074	30.85	ng		83
17) 2-Methylphenol	8.51	107	320922	41.17	ng	#	84
18) Hexachloroethane	9.16	117	131210	42.28	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	278170	38.25	ng	#	76
20) 3+4-Methylphenols	8.83	107	447805	40.33	ng		86
22) Acetophenone	8.89	105	533848	44.03	ng	#	77
24) Nitrobenzene	9.27	77	375960	43.42	ng	#	78
25) Isophorone	9.79	82	767755	43.57	ng	#	92
26) 2-Nitrophenol	9.98	139	201984	49.89	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	350770	46.42	ng		87
28) bis(2-Chloroethoxy)methane	10.27	93	477170	42.73	ng		99
29) 2,4-Dichlorophenol	10.52	162	355465	49.28	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	349947	44.61	ng		98
31) Naphthalene	10.92	128	1097070	41.99	ng		99
32) Benzoic acid	10.11	122	64466	11.17	ng	#	72
33) 4-Chloroaniline	11.02	127	241166	21.25	ng	#	85
34) Hexachlorobutadiene	11.21	225	198000	44.36	ng		96
35) Caprolactam	11.78	113	131677m	45.21	ng		
36) 4-Chloro-3-methylphenol	12.13	107	389280	45.11	ng	#	85
37) 2-Methylnaphthalene	12.52	142	837286	42.08	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	372214	49.92	ng		99
40) Hexachlorocyclopentadiene	12.87	237	424758	104.11	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	278376	57.81	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	288481	52.77	ng		94
45) 1,1'-Biphenyl	13.51	154	1056667	49.02	ng		99
46) 2-Chloronaphthalene	13.56	162	775126	49.74	ng		98
47) 2-Nitroaniline	13.75	65	250210	50.62	ng	#	72
48) Acenaphthylene	14.40	152	1322698	47.67	ng		99
49) Dimethylphthalate	14.13	163	1410420	69.11	ng		100
50) 2,6-Dinitrotoluene	14.24	165	236685	51.63	ng	#	69
51) Acenaphthene	14.74	154	923283	50.38	ng		98
52) 3-Nitroaniline	14.57	138	180581	35.22	ng	#	73
53) 2,4-Dinitrophenol	14.78	184	166127	69.25	ng	#	81
54) Dibenzofuran	15.07	168	1250044	51.17	ng		92
55) 4-Nitrophenol	14.87	139	400729	96.03	ng	#	48
56) 2,4-Dinitrotoluene	15.02	165	329014	53.35	ng	#	78
57) Fluorene	15.72	166	1032594	47.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	273623	56.74	ng		96
59) Diethylphthalate	15.48	149	1081388	51.23	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	480588	47.51	ng		93
61) 4-Nitroaniline	15.73	138	255719	48.11	ng	#	56
62) Azobenzene	16.00	77	964246	53.14	ng		84
64) 4,6-Dinitro-2-methylphenol	15.79	198	180718	45.34	ng		90
65) n-Nitrosodiphenylamine	15.92	169	928305	44.94	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	320249	44.86	ng		96
67) Hexachlorobenzene	16.72	284	330821	44.96	ng		95
68) Atrazine	16.86	200	355187	48.58	ng		97
69) Pentachlorophenol	17.06	266	431993	95.18	ng		98
70) Phenanthrene	17.45	178	1602369	43.33	ng		97
71) Anthracene	17.54	178	1652674	43.84	ng		99
72) Carbazole	17.80	167	1534139	40.51	ng		97
73) Di-n-butylphthalate	18.36	149	1855214	49.90	ng	#	94
74) Fluoranthene	19.45	202	1787255	43.90	ng		95
76) Benzidine	19.62	184	766376	37.20	ng		97
77) Pyrene	19.81	202	1806438	43.77	ng		98
79) Butylbenzylphthalate	20.68	149	847884	54.13	ng		90
80) Benzo(a)anthracene	21.63	228	1632046	42.83	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	347180	25.56	ng	#	97
82) Chrysene	21.70	228	1534715	41.89	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1260034	55.71	ng	#	98
84) Di-n-octyl phthalate	22.74	149	2169562	58.09	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1673776	38.78	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1621976	43.05	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1575066	42.85	ng	#	92
89) Benzo(a)pyrene	24.70	252	1520418	42.62	ng	#	93
90) Dibenzo(a,h)anthracene	28.56	278	1338341	37.34	ng	#	93
91) Benzo(g,h,i)perylene	29.64	276	1441168	40.10	ng	#	89

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

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