Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021139.D
Acq On : 28 Feb 2016 6:48
Operator : UM/SJ
Sample : H1526-02MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02MS

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:23 PM

Quant Time: Feb 29 01:02:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7308	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	38757	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	25381	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	61862	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	64785	20.00	ng		-0.02
86) Perylene-d12	25.06	264	59424	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	61890	148.27	ng		0.00
7) Phenol-d6	7.31	99	102365	164.80	ng		-0.01
23) Nitrobenzene-d5	9.33	82	70520	86.69	ng		-0.02
41) 2,4,6-Tribromophenol	16.25	330	34952	105.03	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	134886	68.01	ng		0.00
78) Terphenyl-d14	20.10	244	215683	77.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	6049	31.29	ng	#	80
3) Pyridine	4.01	79	19846	35.11	ng		95
4) n-Nitrosodimethylamine	3.92	42	11011	38.42	ng		94
6) Aniline	7.49	93	13550	17.64	ng		90
8) 2-Chlorophenol	7.73	128	24548	47.15	ng		85
9) Benzaldehyde	7.30	77	4623	13.74	ng		82
10) Phenol	7.34	94	36123	56.77	ng		82
11) bis(2-Chloroethyl)ether	7.58	93	23073	47.31	ng		95
12) 1,3-Dichlorobenzene	8.05	146	21370	38.57	ng	#	92
13) 1,4-Dichlorobenzene	8.20	146	22442	37.91	ng		97
14) 1,2-Dichlorobenzene	8.52	146	21833	38.96	ng	#	88
15) Benzyl Alcohol	8.40	79	29643	54.63	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.69	45	35634	63.72	ng		94
17) 2-Methylphenol	8.59	107	24591	54.75	ng	#	90
18) Hexachloroethane	9.26	117	9158	40.90	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	25772	53.79	ng		92
20) 3+4-Methylphenols	8.92	107	33784	54.25	ng		92
22) Acetophenone	8.99	105	40333	37.70	ng	#	95
24) Nitrobenzene	9.37	77	37136	44.19	ng	#	89
25) Isophorone	9.89	82	70250	46.08	ng		94
26) 2-Nitrophenol	10.08	139	13525	38.07	ng	#	66
27) 2,4-Dimethylphenol	10.13	122	27148	43.32	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	35217	47.40	ng		97
29) 2,4-Dichlorophenol	10.61	162	24933	40.64	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	23073	33.18	ng		98
31) Naphthalene	11.03	128	78008	39.19	ng		98
32) Benzoic acid	10.18	122	2386	4.15	ng	#	74
33) 4-Chloroaniline	11.13	127	6974	8.39	ng	#	93
34) Hexachlorobutadiene	11.31	225	14127	30.36	ng		89
35) Caprolactam	11.89	113	10620m	51.23	ng		
36) 4-Chloro-3-methylphenol	12.23	107	35389	47.06	ng		87
37) 2-Methylnaphthalene	12.62	142	58329	41.72	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	29048	30.97	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	35430	57.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22982	39.07	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	25560	42.30	ng		93
45) 1,1'-Biphenyl	13.61	154	76712	35.89	ng		96
46) 2-Chloronaphthalene	13.66	162	60278	37.17	ng		95
47) 2-Nitroaniline	13.85	65	29085	55.35	ng	#	74
48) Acenaphthylene	14.50	152	102068	39.78	ng		98
49) Dimethylphthalate	14.22	163	113749	52.00	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	18675	41.50	ng	#	59
51) Acenaphthene	14.84	154	72157	41.23	ng		97
52) 3-Nitroaniline	14.67	138	7541	17.22	ng	#	65
53) 2,4-Dinitrophenol	14.87	184	15559	49.59	ng	#	78
54) Dibenzofuran	15.17	168	96799	43.66	ng	#	89
55) 4-Nitrophenol	14.96	139	36165	93.11	ng	#	52
56) 2,4-Dinitrotoluene	15.12	165	27535	42.67	ng	#	73
57) Fluorene	15.81	166	83996	38.94	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	22524	42.88	ng	#	96
59) Diethylphthalate	15.58	149	93766	40.67	ng		98
60) 4-Chlorophenyl-phenylether	15.80	204	41360	34.86	ng		96
61) 4-Nitroaniline	15.83	138	21743	43.61	ng	#	64
62) Azobenzene	16.10	77	110400	55.27	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	15797	34.81	ng		93
65) n-Nitrosodiphenylamine	16.02	169	76108	41.70	ng		95
66) 4-Bromophenyl-phenylether	16.69	248	25259	34.68	ng	#	90
67) Hexachlorobenzene	16.81	284	26015	33.86	ng	#	88
68) Atrazine	16.95	200	28739	42.50	ng		97
69) Pentachlorophenol	17.15	266	34568	66.64	ng		92
70) Phenanthrene	17.55	178	149959	45.05	ng		99
71) Anthracene	17.64	178	137532	41.03	ng		99
72) Carbazole	17.90	167	126916	43.85	ng		99
73) Di-n-butylphthalate	18.45	149	168597	44.19	ng	#	98
74) Fluoranthene	19.54	202	197223	47.23	ng		98
76) Benzidine	19.71	184	40071	23.51	ng		98
77) Pyrene	19.90	202	198851	55.43	ng		97
79) Butylbenzylphthalate	20.78	149	75443	50.39	ng	#	85
80) Benzo(a)anthracene	21.75	228	175863	47.18	ng		98
81) 3,3'-Dichlorobenzidine	21.66	252	17676	12.12	ng		98
82) Chrysene	21.82	228	159061	44.31	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	112403	48.62	ng		98
84) Di-n-octyl phthalate	22.88	149	188407	48.63	ng		100
85) Indeno(1,2,3-cd)pyrene	28.80	276	177583	41.03	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	184048	49.55	ng		99
88) Benzo(k)fluoranthene	24.08	252	158267	43.22	ng		98
89) Benzo(a)pyrene	24.90	252	162487	45.57	ng		98
90) Dibenzo(a,h)anthracene	28.86	278	142001	39.51	ng		98
91) Benzo(g,h,i)perylene	29.98	276	147047	42.47	ng		95

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

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