Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022312.D
Acq On : 11 Jun 2016 7:56
Operator : UM/SJ
Sample : H3449-05MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
18-VE-PILE-WALL(0-2)MS

Manual Integrations APPROVED
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6/13/2016 7:32:11 PM

Quant Time: Jun 12 03:13:13 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31052	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	148594	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	82057	20.00	ng		-0.01
63) Phenanthrene-d10	17.48	188	169972	20.00	ng		-0.01
75) Chrysene-d12	21.75	240	154402	20.00	ng		-0.02
86) Perylene-d12	25.04	264	141889	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	284820	177.34	ng		-0.01
7) Phenol-d6	7.27	99	419789	166.25	ng		0.00
23) Nitrobenzene-d5	9.28	82	231605	108.66	ng		-0.01
41) 2,4,6-Tribromophenol	16.22	330	120215	129.65	ng		-0.01
44) 2-Fluorobiphenyl	13.36	172	516597	95.94	ng		-0.01
78) Terphenyl-d14	20.07	244	605197	93.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	24613	31.96	ng	#	65
3) Pyridine	3.92	79	5102	2.45	ng	#	95
4) n-Nitrosodimethylamine	3.82	42	24605	52.88	ng	#	82
6) Aniline	7.43	93	9585	2.99	ng		91
8) 2-Chlorophenol	7.67	128	119110	53.66	ng		82
9) Benzaldehyde	7.25	77	6079	4.37	ng	#	76
10) Phenol	7.29	94	149069	57.26	ng		84
11) bis(2-Chloroethyl)ether	7.52	93	104905	50.54	ng	#	76
12) 1,3-Dichlorobenzene	7.99	146	111234	46.75	ng	#	90
13) 1,4-Dichlorobenzene	8.14	146	114586	48.33	ng		94
14) 1,2-Dichlorobenzene	8.46	146	113166	47.35	ng		97
15) Benzyl Alcohol	8.35	79	85370	52.33	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	116771	54.22	ng		85
17) 2-Methylphenol	8.56	107	101808	52.40	ng	#	85
18) Hexachloroethane	9.19	117	42239	48.79	ng	#	79
19) n-Nitroso-di-n-propylamine	8.91	70	80501	47.09	ng	#	73
20) 3+4-Methylphenols	8.88	107	139631	50.11	ng		97
22) Acetophenone	8.93	105	167929	52.44	ng	#	82
24) Nitrobenzene	9.32	77	121929	56.89	ng	#	86
25) Isophorone	9.84	82	238655	47.86	ng	#	94
26) 2-Nitrophenol	10.03	139	60935	52.43	ng	#	79
27) 2,4-Dimethylphenol	10.09	122	115227	54.78	ng		87
28) bis(2-Chloroethoxy)methane	10.32	93	149647	52.38	ng		95
29) 2,4-Dichlorophenol	10.58	162	105714	54.25	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	108211	49.69	ng		94
31) Naphthalene	10.98	128	371066	50.03	ng	#	96
32) Benzoic acid	10.20	122	4683	14.39	ng	#	72
33) 4-Chloroaniline	11.09	127	7861	2.55	ng	#	83
34) Hexachlorobutadiene	11.25	225	56039	47.94	ng		99
35) Caprolactam	11.92	113	11794m	11.03	ng		
36) 4-Chloro-3-methylphenol	12.21	107	118209	51.18	ng		87
37) 2-Methylnaphthalene	12.58	142	262581	47.95	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	109674	51.92	ng		98
40) Hexachlorocyclopentadiene	12.91	237	91723	84.84	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	77510	54.70	ng		98
43) 2,4,5-Trichlorophenol	13.26	196	80997	51.74	ng		94
45) 1,1'-Biphenyl	13.57	154	329274	53.32	ng		96
46) 2-Chloronaphthalene	13.62	162	256314	54.14	ng		96
47) 2-Nitroaniline	13.83	65	63180	55.97	ng	#	61
48) Acenaphthylene	14.46	152	426820	51.39	ng		97
49) Dimethylphthalate	14.19	163	409814	60.23	ng		99
50) 2,6-Dinitrotoluene	14.32	165	73106	49.43	ng	#	83
51) Acenaphthene	14.80	154	251994	50.64	ng		96
52) 3-Nitroaniline	14.66	138	17860	10.89	ng		84
53) 2,4-Dinitrophenol	14.86	184	40137	68.30	ng	#	80
54) Dibenzofuran	15.14	168	384256	49.48	ng		98
55) 4-Nitrophenol	14.97	139	105693	93.35	ng	#	79
56) 2,4-Dinitrotoluene	15.10	165	98470	49.63	ng	#	87
57) Fluorene	15.78	166	322645	48.23	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	65377	46.56	ng		94
59) Diethylphthalate	15.54	149	334094	45.97	ng		100
60) 4-Chlorophenyl-phenylether	15.77	204	143228	47.28	ng		97
61) 4-Nitroaniline	15.81	138	46382	26.66	ng		82
62) Azobenzene	16.06	77	289876	52.67	ng		90
64) 4,6-Dinitro-2-methylphenol	15.87	198	39570	46.15	ng		86
65) n-Nitrosodiphenylamine	15.98	169	248778	50.81	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	79951	50.20	ng		97
67) Hexachlorobenzene	16.79	284	88486	47.67	ng		97
68) Atrazine	16.92	200	31868	17.58	ng		94
69) Pentachlorophenol	17.14	266	78833	92.52	ng		94
70) Phenanthrene	17.53	178	469974	50.91	ng		99
71) Anthracene	17.62	178	460386	50.28	ng		97
72) Carbazole	17.89	167	439782	50.72	ng		98
73) Di-n-butylphthalate	18.42	149	566244	49.95	ng		99
74) Fluoranthene	19.53	202	518715	48.88	ng		96
77) Pyrene	19.89	202	522686	54.45	ng		100
79) Butylbenzylphthalate	20.75	149	253721	56.99	ng		94
80) Benzo(a)anthracene	21.74	228	446633	51.59	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	7442	3.06	ng		95
82) Chrysene	21.81	228	431051	51.16	ng		99
83) Bis(2-ethylhexyl)phthalate	21.61	149	365976	55.91	ng		96
84) Di-n-octyl phthalate	22.83	149	616621	56.73	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.83	276	467571	49.47	ng		97
87) Benzo(b)fluoranthene	24.00	252	435581	52.64	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	410968	50.45	ng	#	96
89) Benzo(a)pyrene	24.90	252	406421	51.36	ng	#	95
90) Dibenzo(a,h)anthracene	28.88	278	380914	51.12	ng	#	94
91) Benzo(g,h,i)perylene	30.00	276	384319	49.57	ng	#	94

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

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