Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
Data File : BG023868.D
Acq On : 24 Aug 2016 00:29
Operator : UM/SJ
Sample : H4556-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-14B(13-15)MS

Manual Integrations APPROVED
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Quant Time: Aug 24 02:07:45 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	105021	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	452097	20.00	ng		-0.03
38) Acenaphthene-d10	14.76	164	290308	20.00	ng		-0.02
63) Phenanthrene-d10	17.52	188	667382	20.00	ng		-0.02
75) Chrysene-d12	21.84	240	705469	20.00	ng		-0.02
86) Perylene-d12	25.21	264	706320	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	653708	104.78	ng		-0.03
7) Phenol-d6	7.25	99	981430	100.99	ng		-0.03
23) Nitrobenzene-d5	9.27	82	656102	72.15	ng		-0.03
41) 2,4,6-Tribromophenol	16.27	330	364863	85.93	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	1180671	68.60	ng		-0.02
78) Terphenyl-d14	20.13	244	1836496	80.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	76876	28.92	ng		90
3) Pyridine	3.89	79	241379	27.63	ng		96
4) n-Nitrosodimethylamine	3.81	42	127745	39.44	ng	#	86
6) Aniline	7.41	93	268000	19.09	ng		96
8) 2-Chlorophenol	7.65	128	268045	37.40	ng		97
9) Benzaldehyde	7.22	77	78045	11.16	ng		97
10) Phenol	7.28	94	399513	38.43	ng		87
11) bis(2-Chloroethyl)ether	7.50	93	281233	33.91	ng		91
12) 1,3-Dichlorobenzene	7.98	146	278729m	33.96	ng		
13) 1,4-Dichlorobenzene	8.12	146	275200	32.76	ng		98
14) 1,2-Dichlorobenzene	8.45	146	275451	33.43	ng	#	90
15) Benzyl Alcohol	8.33	79	300994	40.88	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	397811	32.62	ng		92
17) 2-Methylphenol	8.54	107	249362	35.78	ng		87
18) Hexachloroethane	9.18	117	111583	35.29	ng		94
19) n-Nitroso-di-n-propylamine	8.90	70	271059	32.43	ng		95
20) 3+4-Methylphenols	8.87	107	336710	34.27	ng		91
22) Acetophenone	8.92	105	389595	31.47	ng	#	92
24) Nitrobenzene	9.31	77	392047	38.93	ng		93
25) Isophorone	9.83	82	693889	36.63	ng	#	94
26) 2-Nitrophenol	10.03	139	159289	37.48	ng	#	82
27) 2,4-Dimethylphenol	10.09	122	253677	35.05	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	401449	35.26	ng		99
29) 2,4-Dichlorophenol	10.57	162	278174	38.23	ng		99
30) 1,2,4-Trichlorobenzene	10.79	180	281949	35.93	ng		97
31) Naphthalene	10.97	128	814760	35.39	ng		99
32) Benzoic acid	10.19	122	17788	8.75	ng	#	84
33) 4-Chloroaniline	11.09	127	166412	15.12	ng		95
34) Hexachlorobutadiene	11.25	225	192082	37.22	ng		95
35) Caprolactam	11.86	113	94129	30.75	ng		94
36) 4-Chloro-3-methylphenol	12.22	107	336672	35.22	ng		91
37) 2-Methylnaphthalene	12.58	142	598225	34.18	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	296383	28.15	ng		99
40) Hexachlorocyclopentadiene	12.92	237	256643	48.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	225178	35.91	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	233314	36.14	ng		93
45) 1,1'-Biphenyl	13.59	154	719804	32.43	ng		99
46) 2-Chloronaphthalene	13.64	162	622994	36.29	ng		98
47) 2-Nitroaniline	13.85	65	261016	36.62	ng		89
48) Acenaphthylene	14.49	152	989591	36.46	ng		99
49) Dimethylphthalate	14.21	163	1246294	55.95	ng		98
50) 2,6-Dinitrotoluene	14.34	165	184183	34.92	ng		88
51) Acenaphthene	14.83	154	620396	36.09	ng		98
52) 3-Nitroaniline	14.68	138	132328	22.25	ng		80
53) 2,4-Dinitrophenol	14.90	184	77622	22.96	ng		98
54) Dibenzofuran	15.16	168	978786	39.21	ng		96
55) 4-Nitrophenol	15.00	139	270611	57.93	ng	#	84
56) 2,4-Dinitrotoluene	15.14	165	265843	35.91	ng		98
57) Fluorene	15.81	166	799750	36.72	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	225667m	38.09	ng		
59) Diethylphthalate	15.57	149	858075	37.95	ng		100
60) 4-Chlorophenyl-phenylether	15.80	204	406353	35.25	ng		96
61) 4-Nitroaniline	15.85	138	197801	31.23	ng	#	70
62) Azobenzene	16.10	77	950155	41.46	ng		93
64) 4,6-Dinitro-2-methylphenol	15.91	198	124245	27.38	ng		93
65) n-Nitrosodiphenylamine	16.02	169	713801	36.46	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	277739	35.71	ng		98
67) Hexachlorobenzene	16.83	284	291619	34.27	ng		95
68) Atrazine	16.97	200	285728	38.01	ng		93
69) Pentachlorophenol	17.18	266	268979	54.22	ng		95
70) Phenanthrene	17.57	178	1266925	37.41	ng		99
71) Anthracene	17.66	178	1304730	38.31	ng		99
72) Carbazole	17.94	167	1212777	40.55	ng		97
73) Di-n-butylphthalate	18.47	149	1417106	47.08	ng		97
74) Fluoranthene	19.59	202	1491127	47.26	ng		96
76) Benzidine	19.76	184	653802	33.34	ng		99
77) Pyrene	19.94	202	1497214	35.64	ng		95
79) Butylbenzylphthalate	20.82	149	673842	39.67	ng		96
80) Benzo(a)anthracene	21.82	228	1458188	37.44	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	301108	18.85	ng	#	96
82) Chrysene	21.89	228	1381618	37.29	ng		98
83) Bis(2-ethylhexyl)phthalate	21.69	149	951871	40.92	ng	#	97
84) Di-n-octyl phthalate	22.95	149	1604576	40.41	ng		99
85) Indeno(1,2,3-cd)pyrene	29.09	276	1662736	35.92	ng	#	100
87) Benzo(b)fluoranthene	24.14	252	1485930	37.39	ng	#	96
88) Benzo(k)fluoranthene	24.21	252	1421678	37.25	ng	#	98
89) Benzo(a)pyrene	25.06	252	1437672	38.04	ng	#	97
90) Dibenzo(a,h)anthracene	29.15	278	1431139	37.07	ng	#	95
91) Benzo(g,h,i)perylene	30.30	276	1395932	35.90	ng	#	93

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

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