Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060717\
Data File : BG027301.D
Acq On : 8 Jun 2017 2:30
Operator : SJ/MA
Sample : I3479-14MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4(7-9)20170604MSD

Manual Integrations APPROVED
mohammad
6/8/2017 2:23:05 PM

Quant Time: Jun 08 07:24:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51160	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	252350	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	164233	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	382089	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	443390	20.00	ng		-0.03
86) Perylene-d12	25.96	264	406750	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	592582	176.75	ng		-0.01
7) Phenol-d6	7.70	99	871332	177.05	ng		0.00
23) Nitrobenzene-d5	9.72	82	484957	120.86	ng		-0.02
41) 2,4,6-Tribromophenol	16.63	330	372047	172.03	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	1136092	96.78	ng		-0.03
78) Terphenyl-d14	20.47	244	1638093	94.25	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.15	88	56390	40.56	ng	#	83
3) Pyridine	4.53	79	180600	42.14	ng	#	76
4) n-Nitrosodimethylamine	4.44	42	82183	51.79	ng	#	50
6) Aniline	7.88	93	267502	43.16	ng		93
8) 2-Chlorophenol	8.12	128	209433	59.16	ng		92
9) Benzaldehyde	7.70	77	108644	31.93	ng		88
10) Phenol	7.72	94	332049	65.98	ng		76
11) bis(2-Chloroethyl)ether	7.97	93	210173	50.90	ng		87
12) 1,3-Dichlorobenzene	8.45	146	193388m	48.43	ng		
13) 1,4-Dichlorobenzene	8.59	146	198694	48.49	ng		95
14) 1,2-Dichlorobenzene	8.92	146	192806	48.24	ng		94
15) Benzyl Alcohol	8.78	79	215499	62.15	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	9.07	45	329323	55.75	ng		92
17) 2-Methylphenol	8.98	107	209918	59.01	ng	#	86
18) Hexachloroethane	9.65	117	70356	50.97	ng		86
19) n-Nitroso-di-n-propylamine	9.35	70	187193	54.37	ng	#	84
20) 3+4-Methylphenols	9.30	107	290267	58.90	ng		89
22) Acetophenone	9.38	105	332927	51.59	ng	#	83
24) Nitrobenzene	9.76	77	262380	57.40	ng	#	86
25) Isophorone	10.29	82	519265	55.03	ng	#	97
26) 2-Nitrophenol	10.48	139	112994	58.16	ng	#	78
27) 2,4-Dimethylphenol	10.52	122	243570	60.04	ng		91
28) bis(2-Chloroethoxy)methane	10.76	93	320686	52.49	ng		99
29) 2,4-Dichlorophenol	11.01	162	220146	59.44	ng		98
30) 1,2,4-Trichlorobenzene	11.23	180	201209	49.07	ng		96
31) Naphthalene	11.43	128	673994	48.87	ng		99
32) Benzoic acid	10.56	122	17836	13.32	ng	#	83
33) 4-Chloroaniline	11.53	127	131455	22.87	ng	#	88
34) Hexachlorobutadiene	11.70	225	119721	47.50	ng		98
35) Caprolactam	12.30	113	82991m	65.34	ng		
36) 4-Chloro-3-methylphenol	12.60	107	276538	59.58	ng		96
37) 2-Methylnaphthalene	12.99	142	503999m	50.10	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	242763	47.45	ng		98
40) Hexachlorocyclopentadiene	13.33	237	297760	109.34	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.58	196	178829	57.63	ng		97
43) 2,4,5-Trichlorophenol	13.65	196	197523	56.88	ng		96
45) 1,1'-Biphenyl	13.98	154	667669	49.81	ng		97
46) 2-Chloronaphthalene	14.03	162	505697	50.32	ng		99
47) 2-Nitroaniline	14.22	65	185787	62.58	ng	#	84
48) Acenaphthylene	14.87	152	823754	48.43	ng		98
49) Dimethylphthalate	14.58	163	880656	67.60	ng		98
50) 2,6-Dinitrotoluene	14.70	165	147324	54.77	ng	#	79
51) Acenaphthene	15.20	154	555913	50.25	ng		100
52) 3-Nitroaniline	15.03	138	99168	37.18	ng		90
53) 2,4-Dinitrophenol	15.23	184	79738	67.45	ng	#	62
54) Dibenzofuran	15.53	168	803437	51.96	ng		94
55) 4-Nitrophenol	15.32	139	269180	107.13	ng	#	56
56) 2,4-Dinitrotoluene	15.49	165	204731	58.65	ng	#	87
57) Fluorene	16.19	166	658463	47.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.75	232	185459	59.83	ng		98
59) Diethylphthalate	15.93	149	687436	52.90	ng		99
60) 4-Chlorophenyl-phenylether	16.16	204	337578	48.80	ng		96
61) 4-Nitroaniline	16.20	138	158691	55.45	ng	#	65
62) Azobenzene	16.46	77	706023	58.62	ng		90
64) 4,6-Dinitro-2-methylphenol	16.24	198	102904	56.85	ng		85
65) n-Nitrosodiphenylamine	16.38	169	596132	49.77	ng		99
66) 4-Bromophenyl-phenylether	17.06	248	219955	48.64	ng		94
67) Hexachlorobenzene	17.19	284	236515	48.62	ng	#	89
68) Atrazine	17.32	200	222419	55.52	ng		96
69) Pentachlorophenol	17.53	266	304920	106.94	ng		97
70) Phenanthrene	17.94	178	1057778	49.21	ng		96
71) Anthracene	18.02	178	1062757	49.35	ng		99
72) Carbazole	18.29	167	962730	47.39	ng		95
73) Di-n-butylphthalate	18.82	149	1150023	58.39	ng	#	94
74) Fluoranthene	19.92	202	1189568	51.80	ng		94
76) Benzidine	20.09	184	679832	50.90	ng		97
77) Pyrene	20.29	202	1225602	45.75	ng		98
79) Butylbenzylphthalate	21.17	149	527460	55.72	ng		92
80) Benzo(a)anthracene	22.25	228	1217028	48.13	ng		96
81) 3,3'-Dichlorobenzidine	22.15	252	268690	27.31	ng		98
82) Chrysene	22.33	228	1149060	47.33	ng		97
83) Bis(2-ethylhexyl)phthalate	22.11	149	756155	52.86	ng		99
84) Di-n-octyl phthalate	23.49	149	1290085	54.45	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.23	276	1450768	49.34	ng	#	94
87) Benzo(b)fluoranthene	24.79	252	1237003	49.04	ng	#	97
88) Benzo(k)fluoranthene	24.86	252	1217086	49.18	ng	#	95
89) Benzo(a)pyrene	25.79	252	1190762	50.14	ng	#	94
90) Dibenzo(a,h)anthracene	30.30	278	1241808	49.95	ng	#	95
91) Benzo(g,h,i)perylene	31.56	276	1173667	48.75	ng	#	91

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

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