Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029398.D
Acq On : 21 Oct 2017 19:21
Operator : SJ/JU
Sample : I6037-18MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Manual Integrations APPROVED
Sohil
10/23/2017 3:41:17 PM

Quant Time: Oct 21 23:23:32 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59721	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	283092	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	190194	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	487742	20.00	ng		0.00
75) Chrysene-d12	21.79	240	524580	20.00	ng		0.00
86) Perylene-d12	25.09	264	562767	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	296027	82.81	ng		0.00
7) Phenol-d6	7.31	99	271023	54.01	ng		0.00
23) Nitrobenzene-d5	9.33	82	425028	95.41	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	405366	165.08	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1152251	88.85	ng		0.00
78) Terphenyl-d14	20.11	244	1961233	85.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	31598	21.785	ng		86
3) Pyridine	3.98	79	67547	15.992	ng		88
4) n-Nitrosodimethylamine	3.90	42	42784	21.669	ng	#	93
6) Aniline	7.48	93	127100	20.455	ng		96
8) 2-Chlorophenol	7.73	128	159764	38.989	ng		94
9) Benzaldehyde	7.29	77	147581	58.473	ng		94
10) Phenol	7.34	94	97057	17.941	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	175554	44.540	ng		93
12) 1,3-Dichlorobenzene	8.06	146	175429	38.133	ng		97
13) 1,4-Dichlorobenzene	8.20	146	175946	37.459	ng		95
14) 1,2-Dichlorobenzene	8.52	146	174679	38.557	ng		99
15) Benzyl Alcohol	8.40	79	122819	34.732	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	293944	43.913	ng		96
17) 2-Methylphenol	8.60	107	125635	34.960	ng		95
18) Hexachloroethane	9.25	117	59374	37.093	ng		99
19) n-Nitroso-di-n-propylamine	8.97	70	152299	44.637	ng	#	96
20) 3+4-Methylphenols	8.93	107	160381	31.673	ng		94
22) Acetophenone	8.99	105	280321	41.088	ng	#	93
24) Nitrobenzene	9.37	77	215553	43.034	ng		93
25) Isophorone	9.89	82	428862	46.114	ng	#	94
26) 2-Nitrophenol	10.09	139	108651	45.386	ng		90
27) 2,4-Dimethylphenol	10.14	122	178898	41.303	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	264249	46.338	ng		96
29) 2,4-Dichlorophenol	10.62	162	206916	44.799	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	208864	41.857	ng		96
31) Naphthalene	11.03	128	577317	40.919	ng		98
32) Benzoic acid	10.23	122	50417	13.902	ng	#	79
33) 4-Chloroaniline	11.13	127	110883	18.684	ng		95
34) Hexachlorobutadiene	11.32	225	125116	40.328	ng		97
35) Caprolactam	11.90	113	16186m	10.544	ng		
36) 4-Chloro-3-methylphenol	12.24	107	213216	41.972	ng	#	88
37) 2-Methylnaphthalene	12.63	142	469813	45.689	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	259719	37.402	ng		98
40) Hexachlorocyclopentadiene	12.97	237	309264	115.378	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	188786	43.308	ng		96
43) 2,4,5-Trichlorophenol	13.30	196	211098	47.154	ng		95
45) 1,1'-Biphenyl	13.62	154	636869	38.957	ng		97
46) 2-Chloronaphthalene	13.67	162	502272	42.122	ng		97
47) 2-Nitroaniline	13.86	65	164596	50.254	ng		89
48) Acenaphthylene	14.51	152	797539	42.736	ng		98
49) Dimethylphthalate	14.23	163	689667	46.475	ng		99
50) 2,6-Dinitrotoluene	14.35	165	157610	50.665	ng	#	79
51) Acenaphthene	14.85	154	497965	41.011	ng		97
52) 3-Nitroaniline	14.68	138	78132	23.276	ng	#	83
53) 2,4-Dinitrophenol	14.89	184	173894	99.730	ng	#	52
54) Dibenzofuran	15.18	168	808396	46.637	ng		99
55) 4-Nitrophenol	14.98	139	124111	44.847	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	224122	53.222	ng	#	80
57) Fluorene	15.83	166	643839	44.962	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	209179	56.006	ng		95
59) Diethylphthalate	15.58	149	704169	47.615	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	363571	47.621	ng		94
61) 4-Nitroaniline	15.84	138	157134	45.588	ng		88
62) Azobenzene	16.10	77	614371	49.264	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	118630	43.315	ng		84
65) n-Nitrosodiphenylamine	16.03	169	610019	41.751	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	250679	44.790	ng		99
67) Hexachlorobenzene	16.83	284	267267	42.158	ng		97
68) Atrazine	16.97	200	244578	46.914	ng		99
69) Pentachlorophenol	17.17	266	328432	90.184	ng		96
70) Phenanthrene	17.56	178	1080916	42.899	ng		97
71) Anthracene	17.66	178	1119156	44.234	ng		99
72) Carbazole	17.92	167	1038032	42.709	ng		98
73) Di-n-butylphthalate	18.47	149	1220846	43.675	ng		99
74) Fluoranthene	19.56	202	1346829	45.700	ng		96
76) Benzidine	19.73	184	445792	28.145	ng		99
77) Pyrene	19.92	202	1389718	43.672	ng		95
79) Butylbenzylphthalate	20.79	149	586892	43.289	ng		88
80) Benzo(a)anthracene	21.77	228	1393109	45.232	ng		97
81) 3,3'-Dichlorobenzidine	21.68	252	286597	22.545	ng		99
82) Chrysene	21.84	228	1312651	44.503	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	818903	42.088	ng		99
84) Di-n-octyl phthalate	22.90	149	1399838	41.281	ng		97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1727247	47.599	ng		98
87) Benzo(b)fluoranthene	24.05	252	1497491	46.479	ng		98
88) Benzo(k)fluoranthene	24.12	252	1395487	43.475	ng		98
89) Benzo(a)pyrene	24.95	252	1411618	45.575	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1444132	46.054	ng		98
91) Benzo(g,h,i)perylene	30.07	276	1443852	49.556	ng		98

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

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