Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029397.D
Acq On : 21 Oct 2017 18:42
Operator : SJ/JU
Sample : I6037-17MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT104MS

Quant Time: Oct 21 22:39:46 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	54222	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	248816	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	173135	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	436362	20.00	ng		-0.01
75) Chrysene-d12	21.79	240	476855	20.00	ng		-0.01
86) Perylene-d12	25.10	264	498747	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	239249	73.71	ng		0.00
7) Phenol-d6	7.31	99	207604	45.57	ng		-0.01
23) Nitrobenzene-d5	9.33	82	368615	94.14	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	357362	159.87	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1010393	85.59	ng		0.00
78) Terphenyl-d14	20.11	244	1732495	82.65	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	24276	18.434	ng		89
3) Pyridine	3.98	79	50387	13.139	ng		92
4) n-Nitrosodimethylamine	3.89	42	34770	19.396	ng	#	94
6) Aniline	7.48	93	63985	11.342	ng		99
8) 2-Chlorophenol	7.73	128	140668	37.810	ng		94
9) Benzaldehyde	7.29	77	133078	58.074	ng		93
10) Phenol	7.34	94	73945	15.055	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	154935	43.295	ng		91
12) 1,3-Dichlorobenzene	8.05	146	162213	38.836	ng		96
13) 1,4-Dichlorobenzene	8.20	146	163190	38.267	ng		95
14) 1,2-Dichlorobenzene	8.52	146	157786	38.360	ng		98
15) Benzyl Alcohol	8.40	79	94427	29.411	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	254994	41.958	ng		96
17) 2-Methylphenol	8.60	107	104885	32.146	ng		97
18) Hexachloroethane	9.26	117	54899	37.776	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	131734	42.525	ng	#	94
20) 3+4-Methylphenols	8.93	107	134320	29.216	ng		94
22) Acetophenone	8.98	105	245826	40.996	ng	#	95
24) Nitrobenzene	9.37	77	186354	42.330	ng		94
25) Isophorone	9.89	82	372038	45.515	ng	#	94
26) 2-Nitrophenol	10.09	139	94565	44.943	ng		90
27) 2,4-Dimethylphenol	10.14	122	155523	40.853	ng		93
28) bis(2-Chloroethoxy)methane	10.38	93	222467	44.385	ng		93
29) 2,4-Dichlorophenol	10.62	162	180346	44.425	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	180985	41.266	ng		94
31) Naphthalene	11.03	128	507979	40.964	ng		99
32) Benzoic acid	10.23	122	42829	13.436	ng	#	84
33) 4-Chloroaniline	11.13	127	59409	11.389	ng		96
34) Hexachlorobutadiene	11.32	225	111027	40.716	ng		98
35) Caprolactam	11.90	113	11189	8.293	ng	#	89
36) 4-Chloro-3-methylphenol	12.24	107	186983	41.879	ng		89
37) 2-Methylnaphthalene	12.63	142	407564	45.096	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	225040	35.601	ng		98
40) Hexachlorocyclopentadiene	12.97	237	256053	105.361	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	165365	41.673	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	184643	45.309	ng		95
45) 1,1'-Biphenyl	13.62	154	557939	37.492	ng		97
46) 2-Chloronaphthalene	13.67	162	432552	39.849	ng		97
47) 2-Nitroaniline	13.86	65	140833	47.236	ng	#	87
48) Acenaphthylene	14.51	152	705422	41.524	ng		99
49) Dimethylphthalate	14.23	163	613946	45.449	ng		99
50) 2,6-Dinitrotoluene	14.35	165	137493	48.553	ng	#	80
51) Acenaphthene	14.85	154	452446	40.934	ng		99
52) 3-Nitroaniline	14.68	138	37225	12.182	ng	#	75
53) 2,4-Dinitrophenol	14.89	184	153339	96.814	ng	#	54
54) Dibenzofuran	15.18	168	712508	45.155	ng		100
55) 4-Nitrophenol	14.98	139	93496	37.113	ng	#	83
56) 2,4-Dinitrotoluene	15.13	165	197721	51.578	ng	#	78
57) Fluorene	15.83	166	567916	43.568	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	186411	54.827	ng		95
59) Diethylphthalate	15.59	149	628298	46.670	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	320045	46.050	ng		95
61) 4-Nitroaniline	15.84	138	135652	43.233	ng		88
62) Azobenzene	16.10	77	541079	47.662	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	107045	43.645	ng		85
65) n-Nitrosodiphenylamine	16.03	169	541729	41.443	ng		99
66) 4-Bromophenyl-phenylether	16.70	248	220393	44.015	ng		99
67) Hexachlorobenzene	16.83	284	237748	41.918	ng		95
68) Atrazine	16.97	200	218970	46.948	ng		100
69) Pentachlorophenol	17.17	266	293408	90.053	ng		99
70) Phenanthrene	17.56	178	980798	43.509	ng		99
71) Anthracene	17.66	178	994990	43.957	ng		98
72) Carbazole	17.92	167	931419	42.835	ng		99
73) Di-n-butylphthalate	18.47	149	1099428	43.962	ng		99
74) Fluoranthene	19.56	202	1213873	46.038	ng		97
76) Benzidine	19.73	184	346313	24.053	ng		99
77) Pyrene	19.92	202	1237387	42.776	ng		97
79) Butylbenzylphthalate	20.79	149	522491	42.396	ng		87
80) Benzo(a)anthracene	21.77	228	1238840	44.249	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	206904	17.905	ng		98
82) Chrysene	21.84	228	1171542	43.694	ng		97
83) Bis(2-ethylhexyl)phthalate	21.66	149	734641	41.536	ng		97
84) Di-n-octyl phthalate	22.90	149	1242144	40.296	ng		97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1521693	46.131	ng	#	93
87) Benzo(b)fluoranthene	24.05	252	1286822	45.067	ng		99
88) Benzo(k)fluoranthene	24.12	252	1269838	44.639	ng		98
89) Benzo(a)pyrene	24.95	252	1243594	45.304	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	1271506	45.753	ng		97
91) Benzo(g,h,i)perylene	30.07	276	1267600	49.091	ng		98

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

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