Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031828.D
Acq On : 28 Dec 2017 16:57
Operator : SJ/JU
Sample : I6685-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-122617-AMS

Quant Time: Dec 28 18:00:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	59234	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	239406	20.00	ng		-0.04
38) Acenaphthene-d10	15.44	164	165460	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	402435	20.00	ng		-0.04
75) Chrysene-d12	22.52	240	453155	20.00	ng		-0.05
86) Perylene-d12	26.26	264	500928	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	407956	125.44	ng		-0.02
7) Phenol-d6	7.91	99	476668	112.89	ng		-0.02
23) Nitrobenzene-d5	10.01	82	308397	97.27	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	369297	146.27	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1088837	82.60	ng		-0.04
78) Terphenyl-d14	20.69	244	1810426	91.28	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	41122	34.111	ng	#	73
3) Pyridine	4.34	79	62616	19.431	ng	#	74
4) n-Nitrosodimethylamine	4.24	42	49854	38.339	ng	#	85
6) Aniline	8.10	93	27157	4.999	ng		89
8) 2-Chlorophenol	8.35	128	161725	42.870	ng	#	81
9) Benzaldehyde	7.90	77	37685	14.822	ng		91
10) Phenol	7.93	94	156975	36.824	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	131359	37.104	ng	#	80
12) 1,3-Dichlorobenzene	8.69	146	188410	40.218	ng	#	91
13) 1,4-Dichlorobenzene	8.84	146	189705	39.642	ng		95
14) 1,2-Dichlorobenzene	9.17	146	179998	39.696	ng		96
15) Benzyl Alcohol	9.04	79	125869	39.710	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.34	45	134157	46.533	ng		84
17) 2-Methylphenol	9.24	107	126623	41.513	ng		95
18) Hexachloroethane	9.93	117	57589	39.733	ng	#	81
19) n-Nitroso-di-n-propylamine	9.62	70	99940	34.658	ng	#	85
20) 3+4-Methylphenols	9.57	107	169955	39.205	ng		93
22) Acetophenone	9.65	105	230977	41.527	ng	#	85
24) Nitrobenzene	10.05	77	146814	44.931	ng	#	83
25) Isophorone	10.57	82	287326	42.099	ng	#	85
26) 2-Nitrophenol	10.77	139	91701	53.525	ng	#	81
27) 2,4-Dimethylphenol	10.81	122	163497	45.351	ng		91
28) bis(2-Chloroethoxy)methane	11.05	93	180183	39.345	ng	#	94
29) 2,4-Dichlorophenol	11.31	162	192864	45.570	ng		89
30) 1,2,4-Trichlorobenzene	11.54	180	208674	40.381	ng		96
31) Naphthalene	11.74	128	655771	54.276	ng		100
32) Benzoic acid	10.92	122	89822	38.135	ng	#	75
33) 4-Chloroaniline	11.83	127	18047	3.355	ng	#	90
34) Hexachlorobutadiene	12.01	225	139974	39.455	ng		96
35) Caprolactam	12.58	113	42598	33.205	ng	#	46
36) 4-Chloro-3-methylphenol	12.90	107	174166	44.558	ng	#	82
37) 2-Methylnaphthalene	13.30	142	414795	42.349	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	282002	40.463	ng	#	96
40) Hexachlorocyclopentadiene	13.63	237	337725	91.858	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	176343	43.886	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	193601	43.476	ng	#	92
45) 1,1'-Biphenyl	14.27	154	582212	41.198	ng		96
46) 2-Chloronaphthalene	14.32	162	439246	40.750	ng		96
47) 2-Nitroaniline	14.51	65	87341	46.916	ng	#	55
48) Acenaphthylene	15.17	152	669159	38.804	ng		99
49) Dimethylphthalate	14.87	163	583042	39.999	ng	#	98
50) 2,6-Dinitrotoluene	14.99	165	133809	49.901	ng	#	64
51) Acenaphthene	15.50	154	486237	43.053	ng		97
52) 3-Nitroaniline	15.31	138	16298	6.230	ng	#	74
53) 2,4-Dinitrophenol	15.52	184	118472	101.710	ng	#	76
54) Dibenzofuran	15.83	168	702521	40.578	ng		98
55) 4-Nitrophenol	15.60	139	170937	80.278	ng	#	68
56) 2,4-Dinitrotoluene	15.77	165	183540	53.230	ng	#	60
57) Fluorene	16.47	166	569183	40.470	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.03	232	201831	46.456	ng	#	84
59) Diethylphthalate	16.21	149	559127	39.355	ng		95
60) 4-Chlorophenyl-phenylether	16.45	204	342595	39.812	ng		91
61) 4-Nitroaniline	16.48	138	61251	23.992	ng	#	72
62) Azobenzene	16.74	77	364940	40.054	ng		84
64) 4,6-Dinitro-2-methylphenol	16.52	198	92232	47.264	ng	#	66
65) n-Nitrosodiphenylamine	16.66	169	519272	38.851	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	249756	42.918	ng		92
67) Hexachlorobenzene	17.47	284	257615	43.304	ng	#	89
68) Atrazine	17.59	200	212662	40.919	ng		99
69) Pentachlorophenol	17.80	266	329892	80.622	ng		98
70) Phenanthrene	18.21	178	939161	41.237	ng		98
71) Anthracene	18.30	178	948535	41.287	ng		99
72) Carbazole	18.56	167	814506	40.056	ng		99
73) Di-n-butylphthalate	19.07	149	913600	40.429	ng		99
74) Fluoranthene	20.17	202	1148101	41.085	ng		96
76) Benzidine	20.33	184	52080	3.724	ng		99
77) Pyrene	20.52	202	1160388	40.088	ng		98
79) Butylbenzylphthalate	21.39	149	412851	42.487	ng	#	74
80) Benzo(a)anthracene	22.49	228	1200325	41.641	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	121517	10.873	ng	#	98
82) Chrysene	22.57	228	1123615	41.197	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	587692	41.745	ng	#	97
84) Di-n-octyl phthalate	23.74	149	1019992	43.021	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1547911	44.239	ng	#	88
87) Benzo(b)fluoranthene	25.06	252	1290534	41.503	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	1250768	40.194	ng	#	97
89) Benzo(a)pyrene	26.09	252	1262343	42.389	ng	#	98
90) Dibenzo(a,h)anthracene	30.71	278	1285865	41.808	ng	#	96
91) Benzo(g,h,i)perylene	30.62	276	1547911	42.627	ng	#	93

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

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