Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031686.D
Acq On : 21 Dec 2017 23:06
Operator : SJ/JU
Sample : I6681-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PL-01-121917-AMS

Quant Time: Dec 22 03:17:18 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	55567	20.00	ng		-0.01
21) Naphthalene-d8	11.72	136	234606	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	169673	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	433448	20.00	ng		0.00
75) Chrysene-d12	22.56	240	488844	20.00	ng		0.00
86) Perylene-d12	26.35	264	535638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	410119	134.43	ng		0.00
7) Phenol-d6	7.93	99	497340	125.56	ng		0.00
23) Nitrobenzene-d5	10.03	82	296107	95.31	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	391422	151.19	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1091543	80.75	ng		0.00
78) Terphenyl-d14	20.74	244	1975139	92.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	37626	33.271	ng	#	78
3) Pyridine	4.36	79	93891	31.060	ng	#	80
4) n-Nitrosodimethylamine	4.25	42	48972	40.146	ng	#	84
6) Aniline	8.12	93	74116	14.544	ng		89
8) 2-Chlorophenol	8.38	128	162872	46.024	ng	#	80
9) Benzaldehyde	7.92	77	44483	18.651	ng		88
10) Phenol	7.96	94	166662	41.676	ng		90
11) bis(2-Chloroethyl)ether	8.21	93	132961	40.035	ng	#	82
12) 1,3-Dichlorobenzene	8.72	146	172827	39.326	ng	#	93
13) 1,4-Dichlorobenzene	8.87	146	175489	39.091	ng		94
14) 1,2-Dichlorobenzene	9.20	146	171119	40.228	ng		96
15) Benzyl Alcohol	9.06	79	135448	45.552	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.36	45	137267	50.753	ng		82
17) 2-Methylphenol	9.26	107	132528	46.317	ng		95
18) Hexachloroethane	9.96	117	53729	39.517	ng	#	86
19) n-Nitroso-di-n-propylamine	9.65	70	105211	38.894	ng	#	84
20) 3+4-Methylphenols	9.60	107	181029	44.515	ng		93
22) Acetophenone	9.67	105	234790	43.076	ng	#	87
24) Nitrobenzene	10.07	77	147438	46.045	ng	#	81
25) Isophorone	10.60	82	306255	45.790	ng	#	86
26) 2-Nitrophenol	10.80	139	84440	50.295	ng	#	83
27) 2,4-Dimethylphenol	10.84	122	175280	49.614	ng		90
28) bis(2-Chloroethoxy)methane	11.08	93	190730	42.500	ng	#	94
29) 2,4-Dichlorophenol	11.34	162	202759	48.888	ng		92
30) 1,2,4-Trichlorobenzene	11.57	180	205802	40.640	ng		99
31) Naphthalene	11.77	128	534281	45.125	ng		99
32) Benzoic acid	10.95	122	100077	42.441	ng	#	79
33) 4-Chloroaniline	11.85	127	25503	4.838	ng	#	86
34) Hexachlorobutadiene	12.04	225	137990	39.692	ng		98
35) Caprolactam	12.61	113	52074	41.422	ng	#	49
36) 4-Chloro-3-methylphenol	12.93	107	187566	48.968	ng	#	80
37) 2-Methylnaphthalene	13.33	142	420868	43.848	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	289306	40.481	ng	#	97
40) Hexachlorocyclopentadiene	13.66	237	341797	90.658	ng		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	190908	46.331 ng		100
43) 2,4,5-Trichlorophenol	13.97	196	211318	46.277 ng	#	89
45) 1,1'-Biphenyl	14.30	154	613271	42.319 ng		96
46) 2-Chloronaphthalene	14.36	162	459402	41.561 ng		95
47) 2-Nitroaniline	14.54	65	94352	49.423 ng	#	63
48) Acenaphthylene	15.20	152	720429	40.739 ng		99
49) Dimethylphthalate	14.90	163	637474	42.647 ng	#	98
50) 2,6-Dinitrotoluene	15.02	165	137788	50.109 ng	#	67
51) Acenaphthene	15.53	154	535007	46.195 ng		94
52) 3-Nitroaniline	15.34	138	33995	12.672 ng	#	69
53) 2,4-Dinitrophenol	15.55	184	148710	122.789 ng	#	70
54) Dibenzofuran	15.86	168	762646	42.958 ng		98
55) 4-Nitrophenol	15.63	139	207702	95.123 ng	#	68
56) 2,4-Dinitrotoluene	15.80	165	194961	55.139 ng	#	63
57) Fluorene	16.50	166	614373	42.599 ng		97
58) 2,3,4,6-Tetrachlorophenol	16.07	232	221727	49.768 ng	#	85
59) Diethylphthalate	16.24	149	626940	43.033 ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	367700	41.668 ng		92
61) 4-Nitroaniline	16.50	138	92565	35.358 ng		77
62) Azobenzene	16.78	77	405427	43.393 ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	97006	46.349 ng	#	68
65) n-Nitrosodiphenylamine	16.69	169	579237	40.236 ng		100
66) 4-Bromophenyl-phenylether	17.38	248	274834	43.848 ng		93
67) Hexachlorobenzene	17.50	284	281499	43.933 ng	#	90
68) Atrazine	17.62	200	228589	40.837 ng		97
69) Pentachlorophenol	17.83	266	381057	86.463 ng		99
70) Phenanthrene	18.25	178	1067149	43.504 ng		99
71) Anthracene	18.33	178	1080620	43.671 ng		99
72) Carbazole	18.59	167	946777	43.230 ng		99
73) Di-n-butylphthalate	19.11	149	1065170	43.764 ng		99
74) Fluoranthene	20.20	202	1327879	44.118 ng		96
76) Benzidine	20.36	184	206789	13.705 ng		97
77) Pyrene	20.56	202	1332810	42.683 ng		98
79) Butylbenzylphthalate	21.44	149	466783	44.530 ng	#	77
80) Benzo(a)anthracene	22.54	228	1347107	43.321 ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	239768	19.887 ng	#	97
82) Chrysene	22.62	228	1274993	43.335 ng		97
83) Bis(2-ethylhexyl)phthalate	22.41	149	659969	43.457 ng	#	97
84) Di-n-octyl phthalate	23.83	149	1156914	45.233 ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.77	276	1755594	46.511 ng	#	75
87) Benzo(b)fluoranthene	25.14	252	1451176	43.645 ng	#	98
88) Benzo(k)fluoranthene	25.23	252	1433616	43.084 ng	#	97
89) Benzo(a)pyrene	26.18	252	1425136	44.754 ng	#	97
90) Dibenzo(a,h)anthracene	30.87	278	1456097	44.275 ng	#	96
91) Benzo(g,h,i)perylene	30.77	276	1755594	45.213 ng	#	94

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

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