Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031829.D
Acq On : 28 Dec 2017 17:34
Operator : SJ/JU
Sample : I6685-06MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 28 18:08:03 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	8.81	152	53075	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	212532	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	143165	20.00	ng		-0.03
63) Phenanthrene-d10	18.16	188	359074	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	411536	20.00	ng		-0.06
86) Perylene-d12	26.26	264	446467	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	387862	133.10	ng		-0.02
7) Phenol-d6	7.91	99	454808	120.21	ng		-0.02
23) Nitrobenzene-d5	10.00	82	294353	104.58	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	355752	162.85	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	1037678	90.97	ng		-0.03
78) Terphenyl-d14	20.70	244	1773997	98.48	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.89	88	36834	34.100	ng	#	72
3) Pyridine	4.35	79	82641	28.622	ng	#	77
4) n-Nitrosodimethylamine	4.24	42	43836	37.623	ng	#	79
6) Aniline	8.10	93	30401	6.246	ng	#	88
8) 2-Chlorophenol	8.35	128	143558	42.471	ng	#	79
9) Benzaldehyde	7.90	77	29263	12.845	ng		86
10) Phenol	7.94	94	144120	37.731	ng		92
11) bis(2-Chloroethyl)ether	8.19	93	117118	36.920	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	160304	38.190	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	163087	38.034	ng		93
14) 1,2-Dichlorobenzene	9.18	146	156934	38.626	ng		95
15) Benzyl Alcohol	9.03	79	113531	39.974	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.33	45	116942	45.268	ng		79
17) 2-Methylphenol	9.23	107	113133	41.395	ng		96
18) Hexachloroethane	9.93	117	50419	38.823	ng	#	83
19) n-Nitroso-di-n-propylamine	9.62	70	91060	35.243	ng	#	80
20) 3+4-Methylphenols	9.57	107	156183	40.209	ng		95
22) Acetophenone	9.65	105	209689	42.466	ng	#	85
24) Nitrobenzene	10.04	77	130579	45.015	ng	#	78
25) Isophorone	10.57	82	259093	42.762	ng	#	86
26) 2-Nitrophenol	10.77	139	83645	54.996	ng	#	83
27) 2,4-Dimethylphenol	10.81	122	152107	47.527	ng		90
28) bis(2-Chloroethoxy)methane	11.05	93	165506	40.710	ng	#	92
29) 2,4-Dichlorophenol	11.31	162	176870	47.075	ng		90
30) 1,2,4-Trichlorobenzene	11.54	180	183960	40.100	ng		99
31) Naphthalene	11.74	128	585259	54.565	ng		98
32) Benzoic acid	10.93	122	88575	41.619	ng	#	72
33) 4-Chloroaniline	11.83	127	19084	3.996	ng	#	91
34) Hexachlorobutadiene	12.01	225	123741	39.290	ng		98
35) Caprolactam	12.57	113	42659	37.457	ng	#	46
36) 4-Chloro-3-methylphenol	12.90	107	155941	44.940	ng	#	80
37) 2-Methylnaphthalene	13.30	142	373533	42.959	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	250143	41.482	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	310570	97.627	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	163450	47.012	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	178609	46.356	ng	#	90
45) 1,1'-Biphenyl	14.28	154	526367	43.047	ng		96
46) 2-Chloronaphthalene	14.33	162	393756	42.218	ng		96
47) 2-Nitroaniline	14.51	65	79835	49.562	ng	#	60
48) Acenaphthylene	15.16	152	610674	40.927	ng		98
49) Dimethylphthalate	14.86	163	542833	43.040	ng		99
50) 2,6-Dinitrotoluene	14.99	165	120487	51.930	ng	#	65
51) Acenaphthene	15.50	154	451713	46.224	ng		98
52) 3-Nitroaniline	15.32	138	18501	8.173	ng	#	66
53) 2,4-Dinitrophenol	15.51	184	122529	120.084	ng	#	77
54) Dibenzofuran	15.83	168	647065	43.196	ng		97
55) 4-Nitrophenol	15.60	139	164521	89.298	ng	#	70
56) 2,4-Dinitrotoluene	15.77	165	171705	57.553	ng	#	61
57) Fluorene	16.47	166	522771	42.959	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	185683	49.395	ng	#	84
59) Diethylphthalate	16.21	149	516023	41.978	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	309647	41.587	ng		90
61) 4-Nitroaniline	16.47	138	58068	26.287	ng	#	76
62) Azobenzene	16.74	77	334889	42.480	ng		81
64) 4,6-Dinitro-2-methylphenol	16.53	198	87448	49.704	ng	#	64
65) n-Nitrosodiphenylamine	16.66	169	480219	40.268	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	228357	43.979	ng		92
67) Hexachlorobenzene	17.47	284	234468	44.173	ng	#	90
68) Atrazine	17.58	200	186583	40.236	ng		98
69) Pentachlorophenol	17.80	266	311042	85.194	ng		99
70) Phenanthrene	18.21	178	881959	43.402	ng		99
71) Anthracene	18.30	178	889091	43.373	ng		99
72) Carbazole	18.55	167	767638	42.310	ng		100
73) Di-n-butylphthalate	19.06	149	856575	42.483	ng		99
74) Fluoranthene	20.17	202	1082900	43.431	ng		96
76) Benzidine	20.33	184	44965	3.540	ng		96
77) Pyrene	20.53	202	1098459	41.786	ng		99
79) Butylbenzylphthalate	21.39	149	389276	44.112	ng	#	75
80) Benzo(a)anthracene	22.49	228	1120495	42.802	ng		100
81) 3,3'-Dichlorobenzidine	22.38	252	120485	11.871	ng	#	98
82) Chrysene	22.57	228	1046175	42.237	ng		98
83) Bis(2-ethylhexyl)phthalate	22.34	149	549687	42.995	ng	#	97
84) Di-n-octyl phthalate	23.74	149	952667	44.245	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1428725	44.962	ng	#	79
87) Benzo(b)fluoranthene	25.06	252	1206754	43.543	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	1175130	42.369	ng	#	97
89) Benzo(a)pyrene	26.08	252	1170701	44.107	ng	#	98
90) Dibenzo(a,h)anthracene	30.70	278	1177991	42.973	ng	#	95
91) Benzo(g,h,i)perylene	30.62	276	1428725	44.144	ng	#	93

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

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