Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031842.D
Acq On : 29 Dec 2017 2:18
Operator : SJ/JU
Sample : IDOC-04 RM
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-04 RM

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:51 PM

Quant Time: Dec 29 07:19:11 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	58271	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	242905	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	162581	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	390496	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	443895	20.00	ng		-0.06
86) Perylene-d12	26.26	264	485043	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	362548	113.32	ng		-0.02
7) Phenol-d6	7.91	99	477513	114.96	ng		-0.02
23) Nitrobenzene-d5	10.00	82	256596	79.77	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	291666	117.57	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	930875	71.86	ng		-0.03
78) Terphenyl-d14	20.70	244	1498466	77.12	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	31240	26.342	ng	#	72
3) Pyridine	4.33	79	76268	24.059	ng	#	78
4) n-Nitrosodimethylamine	4.23	42	38364	29.991	ng	#	72
6) Aniline	8.09	93	85184	15.940	ng	#	89
8) 2-Chlorophenol	8.35	128	130153	35.071	ng	#	78
9) Benzaldehyde	7.90	77	37980m	15.185	ng		
10) Phenol	7.94	94	148919	35.511	ng		90
11) bis(2-Chloroethyl)ether	8.19	93	100420	28.834	ng	#	83
12) 1,3-Dichlorobenzene	8.69	146	141744	30.757	ng	#	93
13) 1,4-Dichlorobenzene	8.84	146	143815	30.549	ng		93
14) 1,2-Dichlorobenzene	9.18	146	137045	30.723	ng		97
15) Benzyl Alcohol	9.03	79	102815	32.973	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.33	45	105332	37.138	ng		80
17) 2-Methylphenol	9.23	107	104111	34.697	ng		93
18) Hexachloroethane	9.93	117	44751	31.386	ng	#	87
19) n-Nitroso-di-n-propylamine	9.62	70	80106	28.239	ng	#	81
20) 3+4-Methylphenols	9.57	107	144227	33.820	ng		94
22) Acetophenone	9.65	105	182352	32.312	ng	#	85
24) Nitrobenzene	10.05	77	114446	34.520	ng	#	85
25) Isophorone	10.57	82	230157	33.237	ng	#	86
26) 2-Nitrophenol	10.77	139	77713	44.707	ng	#	81
27) 2,4-Dimethylphenol	10.80	122	135113	36.938	ng		91
28) bis(2-Chloroethoxy)methane	11.05	93	146436	31.515	ng		95
29) 2,4-Dichlorophenol	11.31	162	159667	37.182	ng		88
30) 1,2,4-Trichlorobenzene	11.54	180	164620	31.397	ng		98
31) Naphthalene	11.74	128	391549	31.940	ng		98
32) Benzoic acid	10.91	122	11747	10.747	ng	#	71
33) 4-Chloroaniline	11.83	127	87667	16.063	ng	#	91
34) Hexachlorobutadiene	12.01	225	112067	31.134	ng		99
35) Caprolactam	12.57	113	44651	34.304	ng	#	52
36) 4-Chloro-3-methylphenol	12.90	107	138628	34.955	ng	#	84
37) 2-Methylnaphthalene	13.30	142	327146m	32.919	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	225648	32.951	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	253335	70.125	ng		92

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42) 2,4,6-Trichlorophenol	13.88	196	143589	36.367	ng		98
43) 2,4,5-Trichlorophenol	13.95	196	154050	35.207	ng	#	91
45) 1,1'-Biphenyl	14.28	154	462878	33.334	ng		94
46) 2-Chloronaphthalene	14.33	162	345787	32.647	ng		94
47) 2-Nitroaniline	14.51	65	70039	38.288	ng	#	52
48) Acenaphthylene	15.16	152	523533	30.897	ng		98
49) Dimethylphthalate	14.86	163	517968	36.164	ng		99
50) 2,6-Dinitrotoluene	14.99	165	100916	38.301	ng	#	64
51) Acenaphthene	15.50	154	339795	30.619	ng		99
52) 3-Nitroaniline	15.32	138	63986	24.891	ng	#	75
53) 2,4-Dinitrophenol	15.52	184	13293	18.376	ng	#	1
54) Dibenzofuran	15.83	168	545039	32.040	ng		99
55) 4-Nitrophenol	15.59	139	134283	64.181	ng	#	71
56) 2,4-Dinitrotoluene	15.76	165	137761	40.661	ng	#	64
57) Fluorene	16.47	166	438155	31.706	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.03	232	152013	35.609	ng	#	85
59) Diethylphthalate	16.20	149	428779	30.715	ng		98
60) 4-Chlorophenyl-phenylether	16.45	204	262872	31.088	ng		92
61) 4-Nitroaniline	16.47	138	85957	34.266	ng	#	76
62) Azobenzene	16.74	77	281783	31.475	ng		82
64) 4,6-Dinitro-2-methylphenol	16.52	198	26934	20.030	ng	#	69
65) n-Nitrosodiphenylamine	16.66	169	398276	30.709	ng		99
66) 4-Bromophenyl-phenylether	17.34	248	187340	33.176	ng		92
67) Hexachlorobenzene	17.47	284	194163	33.636	ng	#	88
68) Atrazine	17.58	200	169820	33.675	ng		98
69) Pentachlorophenol	17.80	266	189513	47.731	ng		99
70) Phenanthrene	18.21	178	709702	32.114	ng		100
71) Anthracene	18.30	178	733783	32.916	ng		99
72) Carbazole	18.55	167	626500	31.752	ng		99
73) Di-n-butylphthalate	19.06	149	692994	31.604	ng		99
74) Fluoranthene	20.17	202	885373	32.652	ng		97
76) Benzidine	20.32	184	228868	16.704	ng		97
77) Pyrene	20.52	202	900631	31.763	ng		98
79) Butylbenzylphthalate	21.39	149	316450	33.246	ng	#	75
80) Benzo(a)anthracene	22.49	228	912842	32.328	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	222422	20.317	ng	#	99
82) Chrysene	22.57	228	852193	31.898	ng		97
83) Bis(2-ethylhexyl)phthalate	22.34	149	445995	32.341	ng	#	98
84) Di-n-octyl phthalate	23.74	149	771898	33.236	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1160865	33.869	ng	#	90
87) Benzo(b)fluoranthene	25.06	252	989249	32.856	ng	#	96
88) Benzo(k)fluoranthene	25.14	252	943979	31.328	ng	#	97
89) Benzo(a)pyrene	26.08	252	952663	33.038	ng	#	97
90) Dibenzo(a,h)anthracene	30.70	278	958306	32.178	ng	#	97
91) Benzo(g,h,i)perylene	30.62	276	1160865	33.015	ng	#	94

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

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