Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031843.D
Acq On : 29 Dec 2017 2:56
Operator : SJ/JU
Sample : IDOC-01 RJ
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-01 RJ

Manual Integrations APPROVED
Sohil
12/29/2017 1:25:54 PM

Quant Time: Dec 29 07:20:50 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	54077	20.00	ng		-0.04
21) Naphthalene-d8	11.69	136	220614	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	148040	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	366214	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	425975	20.00	ng		-0.06
86) Perylene-d12	26.26	264	467473	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	360015	121.26	ng		-0.02
7) Phenol-d6	7.91	99	469067	121.69	ng		-0.02
23) Nitrobenzene-d5	10.00	82	253666	86.83	ng		-0.03
41) 2,4,6-Tribromophenol	16.91	330	296014	131.04	ng		-0.03
44) 2-Fluorobiphenyl	14.06	172	912993	77.41	ng		-0.03
78) Terphenyl-d14	20.70	244	1551134	83.19	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	31788	28.883	ng	#	70
3) Pyridine	4.33	79	28927	9.833	ng	#	75
4) n-Nitrosodimethylamine	4.24	42	38120	32.111	ng	#	79
6) Aniline	8.10	93	74273	14.976	ng		89
8) 2-Chlorophenol	8.35	128	127680	37.073	ng		84
9) Benzaldehyde	7.90	77	37789	16.281	ng		82
10) Phenol	7.94	94	148664	38.200	ng		91
11) bis(2-Chloroethyl)ether	8.19	93	102174	31.612	ng	#	81
12) 1,3-Dichlorobenzene	8.69	146	142153	33.238	ng	#	91
13) 1,4-Dichlorobenzene	8.84	146	143790m	32.912	ng		
14) 1,2-Dichlorobenzene	9.17	146	139498	33.698	ng		96
15) Benzyl Alcohol	9.04	79	103142	35.643	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.33	45	103746	39.416	ng		81
17) 2-Methylphenol	9.24	107	103060	37.010	ng		94
18) Hexachloroethane	9.93	117	44787	33.848	ng	#	84
19) n-Nitroso-di-n-propylamine	9.62	70	79658	30.259	ng	#	83
20) 3+4-Methylphenols	9.57	107	143870	36.352	ng		94
22) Acetophenone	9.65	105	179870	35.093	ng	#	84
24) Nitrobenzene	10.05	77	114646	38.075	ng	#	82
25) Isophorone	10.57	82	227979	36.249	ng	#	85
26) 2-Nitrophenol	10.77	139	77407	49.030	ng	#	82
27) 2,4-Dimethylphenol	10.80	122	131315	39.527	ng		89
28) bis(2-Chloroethoxy)methane	11.05	93	144974	34.353	ng	#	96
29) 2,4-Dichlorophenol	11.31	162	155706	39.924	ng		88
30) 1,2,4-Trichlorobenzene	11.54	180	164247	34.491	ng		99
31) Naphthalene	11.74	128	394478	35.430	ng		97
32) Benzoic acid	10.92	122	11860m	11.200	ng		
33) 4-Chloroaniline	11.83	127	91865	18.533	ng	#	92
34) Hexachlorobutadiene	12.01	225	112750	34.488	ng		97
35) Caprolactam	12.57	113	39000	32.990	ng	#	48
36) 4-Chloro-3-methylphenol	12.90	107	141037	39.156	ng	#	83
37) 2-Methylnaphthalene	13.30	142	327801	36.318	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	225215	36.118	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	252325	76.706	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	143757	39.986	ng		99
43) 2,4,5-Trichlorophenol	13.95	196	155479	39.024	ng	#	90
45) 1,1'-Biphenyl	14.28	154	462745	36.598	ng		94
46) 2-Chloronaphthalene	14.33	162	346433	35.921	ng		94
47) 2-Nitroaniline	14.51	65	73690	44.241	ng	#	58
48) Acenaphthylene	15.16	152	523008	33.897	ng		99
49) Dimethylphthalate	14.86	163	500374	38.367	ng		98
50) 2,6-Dinitrotoluene	14.99	165	101831	42.444	ng	#	65
51) Acenaphthene	15.50	154	338542	33.503	ng		99
52) 3-Nitroaniline	15.32	138	73929	31.584	ng	#	71
53) 2,4-Dinitrophenol	15.52	184	14579	20.572	ng	#	1
54) Dibenzofuran	15.83	168	554133	35.774	ng		97
55) 4-Nitrophenol	15.60	139	145392	76.316	ng	#	67
56) 2,4-Dinitrotoluene	15.77	165	141365	45.823	ng	#	61
57) Fluorene	16.47	166	438445	34.843	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.04	232	154893	39.847	ng	#	85
59) Diethylphthalate	16.20	149	441308	34.718	ng		96
60) 4-Chlorophenyl-phenylether	16.45	204	261685	33.988	ng		92
61) 4-Nitroaniline	16.47	138	93504	40.935	ng	#	77
62) Azobenzene	16.74	77	284885	34.947	ng	#	80
64) 4,6-Dinitro-2-methylphenol	16.52	198	27486	21.064	ng	#	74
65) n-Nitrosodiphenylamine	16.66	169	407326	33.489	ng		98
66) 4-Bromophenyl-phenylether	17.34	248	193396	36.520	ng		92
67) Hexachlorobenzene	17.47	284	201800	37.277	ng	#	90
68) Atrazine	17.58	200	177303	37.490	ng		98
69) Pentachlorophenol	17.80	266	200477	53.840	ng		99
70) Phenanthrene	18.21	178	736943	35.558	ng		99
71) Anthracene	18.30	178	762089	36.453	ng		98
72) Carbazole	18.55	167	658591	35.592	ng		99
73) Di-n-butylphthalate	19.06	149	737137	35.846	ng		99
74) Fluoranthene	20.17	202	945237	37.171	ng		96
76) Benzidine	20.33	184	99935	7.601	ng		96
77) Pyrene	20.53	202	957092	35.174	ng		99
79) Butylbenzylphthalate	21.39	149	331243	36.264	ng	#	76
80) Benzo(a)anthracene	22.50	228	963820	35.570	ng		99
81) 3,3'-Dichlorobenzidine	22.38	252	266936	25.408	ng	#	98
82) Chrysene	22.57	228	907821	35.409	ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475628	35.941	ng	#	95
84) Di-n-octyl phthalate	23.75	149	818672	36.733	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.62	276	1225890	37.271	ng	#	89
87) Benzo(b)fluoranthene	25.06	252	1044505	35.995	ng	#	96
88) Benzo(k)fluoranthene	25.15	252	1000402	34.449	ng	#	97
89) Benzo(a)pyrene	26.10	252	1003493	36.108	ng	#	97
90) Dibenzo(a,h)anthracene	30.72	278	1010015	35.189	ng	#	95
91) Benzo(g,h,i)perylene	30.62	276	1225890	36.175	ng	#	92

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

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