Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031665.D
Acq On : 21 Dec 2017 9:47
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/22/2017 12:43:51 PM

Quant Time: Dec 21 12:47:28 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 12:17:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	54147	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	227966	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	159239	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	406938	20.00	ng		0.00
75) Chrysene-d12	22.57	240	465537	20.00	ng		0.00
86) Perylene-d12	26.37	264	484856	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	59354	19.43	ng		0.00
7) Phenol-d6	7.92	99	77619	18.30	ng		0.00
23) Nitrobenzene-d5	10.03	82	55826	15.09	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	48288	25.88	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	269563	24.85	ng		0.00
78) Terphenyl-d14	20.74	244	456038	22.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	11492	7.884	ng	#	74
3) Pyridine	4.36	79	28421	7.406	ng	#	80
4) n-Nitrosodimethylamine	4.26	42	10985	6.077	ng	#	92
6) Aniline	8.12	93	49977	8.949	ng	#	93
8) 2-Chlorophenol	8.38	128	33891	9.946	ng	#	80
9) Benzaldehyde	7.93	77	25200	10.252	ng		90
10) Phenol	7.95	94	38616	8.864	ng		90
11) bis(2-Chloroethyl)ether	8.22	93	32687	9.193	ng	#	78
12) 1,3-Dichlorobenzene	8.72	146	43643	10.770	ng	#	90
13) 1,4-Dichlorobenzene	8.87	146	43785	10.397	ng		91
14) 1,2-Dichlorobenzene	9.20	146	42472	10.587	ng		93
15) Benzyl Alcohol	9.06	79	27841	8.392	ng		86
16) 2,2'-oxybis(1-Chloropropan	9.37	45	27874	6.978	ng		81
17) 2-Methylphenol	9.26	107	28298	9.529	ng		95
18) Hexachloroethane	9.97	117	13342	9.399	ng		88
19) n-Nitroso-di-n-propylamine	9.65	70	27033	8.099	ng	#	78
20) 3+4-Methylphenols	9.59	107	38860	8.784	ng		95
22) Acetophenone	9.67	105	52763	9.648	ng	#	87
24) Nitrobenzene	10.08	77	29608	7.812	ng	#	85
25) Isophorone	10.60	82	65349	9.349	ng	#	86
26) 2-Nitrophenol	10.81	139	12240	6.531	ng	#	85
27) 2,4-Dimethylphenol	10.84	122	32264	11.333	ng		87
28) bis(2-Chloroethoxy)methane	11.08	93	44748	9.916	ng	#	96
29) 2,4-Dichlorophenol	11.35	162	39553	11.792	ng		91
30) 1,2,4-Trichlorobenzene	11.58	180	49570	11.570	ng		97
31) Naphthalene	11.78	128	119066	10.632	ng		98
32) Benzoic acid	10.90	122	13667	9.061	ng	#	72
33) 4-Chloroaniline	11.87	127	51774	10.647	ng	#	90
34) Hexachlorobutadiene	12.04	225	34020	11.971	ng		95
35) Caprolactam	12.58	113	12399	9.414	ng	#	46
36) 4-Chloro-3-methylphenol	12.92	107	37106	9.692	ng	#	82
37) 2-Methylnaphthalene	13.33	142	94329m	10.878	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	66982	10.763	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	32149	22.175	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	38445	12.091	ng		98
43) 2,4,5-Trichlorophenol	13.97	196	42200	12.321	ng	#	87
45) 1,1'-Biphenyl	14.31	154	137349	10.502	ng		98
46) 2-Chloronaphthalene	14.36	162	106123	11.086	ng		93
47) 2-Nitroaniline	14.54	65	14052	5.224	ng	#	65
48) Acenaphthylene	15.20	152	172678	11.211	ng		100
49) Dimethylphthalate	14.90	163	146638	11.123	ng		99
50) 2,6-Dinitrotoluene	15.01	165	20167	7.157	ng	#	76
51) Acenaphthene	15.53	154	110952	11.392	ng		96
52) 3-Nitroaniline	15.35	138	21629	7.530	ng	#	74
53) 2,4-Dinitrophenol	15.55	184	6337	6.880	ng	#	1
54) Dibenzofuran	15.86	168	174066	11.200	ng		95
55) 4-Nitrophenol	15.61	139	17373	9.834	ng	#	70
56) 2,4-Dinitrotoluene	15.80	165	25240	6.306	ng	#	64
57) Fluorene	16.51	166	142827	11.469	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.07	232	42443	13.183	ng	#	82
59) Diethylphthalate	16.24	149	144597	10.942	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	87093	11.431	ng		91
61) 4-Nitroaniline	16.50	138	23406	7.765	ng		82
62) Azobenzene	16.78	77	90678	8.284	ng		83
64) 4,6-Dinitro-2-methylphenol	16.55	198	11157	4.895	ng	#	69
65) n-Nitrosodiphenylamine	16.69	169	138848	11.657	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	59204	12.511	ng	#	93
67) Hexachlorobenzene	17.51	284	60241	12.328	ng	#	88
68) Atrazine	17.62	200	54112	12.424	ng		97
69) Pentachlorophenol	17.84	266	38782	19.000	ng		95
70) Phenanthrene	18.25	178	243060	11.437	ng		99
71) Anthracene	18.34	178	242142	11.520	ng		99
72) Carbazole	18.59	167	219527	11.541	ng		98
73) Di-n-butylphthalate	19.12	149	244086	11.112	ng	#	98
74) Fluoranthene	20.21	202	307887	11.576	ng		97
76) Benzidine	20.37	184	160393	14.805	ng		97
77) Pyrene	20.56	202	318035	10.995	ng		98
79) Butylbenzylphthalate	21.45	149	96491	9.509	ng	#	76
80) Benzo(a)anthracene	22.55	228	309353	11.009	ng		97
81) 3,3'-Dichlorobenzidine	22.44	252	120020	12.273	ng	#	98
82) Chrysene	22.62	228	289959	10.764	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	144186	9.876	ng	#	98
84) Di-n-octyl phthalate	23.86	149	242500	10.070	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.78	276	354057	12.299	ng	#	85
87) Benzo(b)fluoranthene	25.15	252	309136	10.665	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	310157	10.485	ng		96
89) Benzo(a)pyrene	26.18	252	295105	10.732	ng	#	95
90) Dibenzo(a,h)anthracene	30.90	278	303990	11.560	ng	#	94
91) Benzo(g,h,i)perylene	30.78	276	354057	13.696	ng	#	91

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

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