Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031666.D
Acq On : 21 Dec 2017 10:24
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
12/22/2017 12:43:53 PM

Quant Time: Dec 21 12:53:27 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	8.84	152	60045m	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	257161	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	174670	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	432119	20.00	ng		0.00
75) Chrysene-d12	22.57	240	474525	20.00	ng		0.00
86) Perylene-d12	26.36	264	505418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.25	112	164494	48.56	ng		0.00
7) Phenol-d6	7.93	99	216824	46.11	ng		0.00
23) Nitrobenzene-d5	10.04	82	168184	40.31	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	131926	64.47	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	709625	59.63	ng		0.00
78) Terphenyl-d14	20.74	244	1071824	51.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	30939	19.142	ng	#	71
3) Pyridine	4.35	79	83471	19.614	ng	#	80
4) n-Nitrosodimethylamine	4.25	42	32911	16.419	ng	#	82
6) Aniline	8.13	93	138189m	22.313	ng		
8) 2-Chlorophenol	8.38	128	95120	25.173	ng	#	79
9) Benzaldehyde	7.93	77	67104m	24.617	ng		
10) Phenol	7.96	94	108773	22.516	ng		89
11) bis(2-Chloroethyl)ether	8.22	93	90899	23.054	ng	#	80
12) 1,3-Dichlorobenzene	8.72	146	117582m	26.167	ng		
13) 1,4-Dichlorobenzene	8.87	146	120422m	25.786	ng		
14) 1,2-Dichlorobenzene	9.21	146	114661	25.774	ng		96
15) Benzyl Alcohol	9.07	79	81925	22.270	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.37	45	72207	16.301	ng		83
17) 2-Methylphenol	9.26	107	78204	23.748	ng		93
18) Hexachloroethane	9.96	117	35915	22.815	ng		90
19) n-Nitroso-di-n-propylamine	9.65	70	73425m	19.837	ng		
20) 3+4-Methylphenols	9.60	107	109828	22.388	ng		94
22) Acetophenone	9.68	105	151753	24.598	ng	#	87
24) Nitrobenzene	10.08	77	86824	20.308	ng	#	81
25) Isophorone	10.61	82	183762	23.306	ng	#	87
26) 2-Nitrophenol	10.81	139	42891	20.288	ng	#	82
27) 2,4-Dimethylphenol	10.83	122	92354	28.758	ng		90
28) bis(2-Chloroethoxy)methane	11.09	93	122890	24.141	ng	#	96
29) 2,4-Dichlorophenol	11.35	162	111820	29.553	ng		91
30) 1,2,4-Trichlorobenzene	11.58	180	137880	28.528	ng		96
31) Naphthalene	11.77	128	324388	25.677	ng		99
32) Benzoic acid	10.93	122	54289	31.908	ng	#	75
33) 4-Chloroaniline	11.86	127	143594	26.177	ng	#	91
34) Hexachlorobutadiene	12.05	225	92973	29.001	ng		97
35) Caprolactam	12.60	113	34840	23.450	ng	#	43
36) 4-Chloro-3-methylphenol	12.93	107	105962	24.534	ng	#	77
37) 2-Methylnaphthalene	13.33	142	261009	26.683	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	186150	27.269	ng	#	95
40) Hexachlorocyclopentadiene	13.66	237	97604	61.375	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	109725	31.460	ng		98
43) 2,4,5-Trichlorophenol	13.97	196	117160	31.184	ng	#	90
45) 1,1'-Biphenyl	14.31	154	379728	26.469	ng		97
46) 2-Chloronaphthalene	14.36	162	286885	27.322	ng		95
47) 2-Nitroaniline	14.54	65	46432	15.736	ng	#	64
48) Acenaphthylene	15.19	152	461908	27.339	ng		97
49) Dimethylphthalate	14.90	163	386405	26.721	ng	#	98
50) 2,6-Dinitrotoluene	15.02	165	68902	22.292	ng	#	67
51) Acenaphthene	15.54	154	301271	28.200	ng		97
52) 3-Nitroaniline	15.35	138	68483	21.735	ng	#	75
53) 2,4-Dinitrophenol	15.55	184	21027	20.811	ng	#	1
54) Dibenzofuran	15.86	168	461570	27.075	ng		97
55) 4-Nitrophenol	15.62	139	54562	28.156	ng	#	69
56) 2,4-Dinitrotoluene	15.79	165	83342	18.984	ng	#	68
57) Fluorene	16.50	166	369150	27.024	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.07	232	115066	32.583	ng	#	83
59) Diethylphthalate	16.25	149	376534	25.977	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	227894	27.269	ng		93
61) 4-Nitroaniline	16.50	138	69524	21.026	ng		80
62) Azobenzene	16.78	77	239148	19.917	ng		82
64) 4,6-Dinitro-2-methylphenol	16.55	198	38824	16.042	ng	#	69
65) n-Nitrosodiphenylamine	16.69	169	360884	28.532	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	154870	30.821	ng		91
67) Hexachlorobenzene	17.50	284	159373	30.715	ng	#	89
68) Atrazine	17.63	200	141753	30.651	ng		98
69) Pentachlorophenol	17.84	266	112047	51.696	ng		96
70) Phenanthrene	18.24	178	614023	27.208	ng		98
71) Anthracene	18.34	178	625564	28.027	ng		98
72) Carbazole	18.59	167	551115	27.285	ng		99
73) Di-n-butylphthalate	19.11	149	616239	26.419	ng		99
74) Fluoranthene	20.21	202	761913	26.977	ng		97
76) Benzidine	20.36	184	394814	35.752	ng		98
77) Pyrene	20.56	202	785699	26.647	ng		99
79) Butylbenzylphthalate	21.45	149	253759	24.533	ng	#	76
80) Benzo(a)anthracene	22.54	228	761637	26.592	ng		98
81) 3,3'-Dichlorobenzidine	22.43	252	298656	29.961	ng	#	97
82) Chrysene	22.62	228	723763	26.359	ng		98
83) Bis(2-ethylhexyl)phthalate	22.42	149	367599	24.702	ng	#	99
84) Di-n-octyl phthalate	23.85	149	620056	25.260	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.78	276	911237	31.053	ng	#	87
87) Benzo(b)fluoranthene	25.15	252	789966	26.143	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	783932	25.422	ng	#	97
89) Benzo(a)pyrene	26.19	252	748184	26.102	ng	#	97
90) Dibenzo(a,h)anthracene	30.88	278	773045	28.202	ng	#	97
91) Benzo(g,h,i)perylene	30.78	276	911237	33.814	ng	#	93

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

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