Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011373.D
Acq On : 31 Aug 2017 15:47
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
9/1/2017 5:35:15 PM

Quant Time: Aug 31 16:25:49 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 14:38:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	587841	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2634973	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	1500618	20.00	ng		0.00
63) Phenanthrene-d10	17.37	188	3306509	20.00	ng		0.00
75) Chrysene-d12	21.53	240	3494324	20.00	ng		0.00
86) Perylene-d12	23.91	264	3112971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	5648259	159.26	ng		0.00
7) Phenol-d6	7.15	99	7850817	125.06	ng		0.01
23) Nitrobenzene-d5	9.16	82	7048851	80.25	ng		0.00
41) 2,4,6-Tribromophenol	16.12	330	2958189	111.99	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	14968785	139.55	ng		0.00
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	1152093	66.093	ng	#	100
3) Pyridine	3.84	79	3595781	54.550	ng	#	82
4) n-Nitrosodimethylamine	3.75	42	1855159	54.637	ng	#	73
6) Aniline	7.32	93	5322281	60.568	ng		96
8) 2-Chlorophenol	7.56	128	3312972	88.354	ng		92
10) Phenol	7.17	94	4310123	60.083	ng	#	75
11) bis(2-Chloroethyl)ether	7.42	93	3385615	64.513	ng		86
12) 1,3-Dichlorobenzene	7.89	146	3732130	84.555	ng		98
13) 1,4-Dichlorobenzene	8.03	146	3799348	83.852	ng		98
14) 1,2-Dichlorobenzene	8.35	146	3671047	82.138	ng		98
15) Benzyl Alcohol	8.23	79	2878706	38.100	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	5655374	97.524	ng		93
17) 2-Methylphenol	8.43	107	2795848	61.884	ng		97
18) Hexachloroethane	9.08	117	1337062	63.935	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	2858267	38.372	ng	#	86
20) 3+4-Methylphenols	8.76	107	3861642	59.142	ng		98
22) Acetophenone	8.82	105	5233685	60.088	ng	#	92
24) Nitrobenzene	9.21	77	3799853	39.789	ng		91
25) Isophorone	9.74	82	7166852	45.418	ng		95
26) 2-Nitrophenol	9.92	139	1663024	70.668	ng	#	86
27) 2,4-Dimethylphenol	9.97	122	3322342	80.484	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	4821072	62.928	ng		99
29) 2,4-Dichlorophenol	10.45	162	3273999	66.227	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	3510789	60.474	ng		97
31) Naphthalene	10.86	128	11150865	79.766	ng		99
32) Benzoic acid	10.15	122	2444558	57.830	ng		98
33) 4-Chloroaniline	10.96	127	5055227	84.226	ng	#	91
34) Hexachlorobutadiene	11.14	225	1994692	41.206	ng		98
35) Caprolactam	11.78	113	1149404m	57.784	ng		
36) 4-Chloro-3-methylphenol	12.07	107	3790571	48.721	ng		92
37) 2-Methylnaphthalene	12.46	142	7817161	70.202	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	3621098	61.711	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1824035	78.674	ng		100
42) 2,4,6-Trichlorophenol	13.06	196	2548412	65.692	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.13	196	2561597	62.662	ng	#	90
45) 1,1'-Biphenyl	13.47	154	10329610	89.108	ng		98
46) 2-Chloronaphthalene	13.51	162	7893106	85.424	ng		95
47) 2-Nitroaniline	13.71	65	2665501	50.523	ng		86
48) Acenaphthylene	14.36	152	12051929	84.980	ng		98
49) Dimethylphthalate	14.09	163	9277323	69.891	ng		99
50) 2,6-Dinitrotoluene	14.20	165	1961522	70.917	ng		94
51) Acenaphthene	14.69	154	8057974	89.372	ng		98
52) 3-Nitroaniline	14.53	138	2577815	99.386	ng		85
53) 2,4-Dinitrophenol	14.73	184	801959	34.379	ng		89
54) Dibenzofuran	15.03	168	10593965	71.327	ng		92
55) 4-Nitrophenol	14.83	139	2031508	104.169	ng	#	46
56) 2,4-Dinitrotoluene	14.99	165	2691390	63.293	ng	#	80
57) Fluorene	15.67	166	9030769	65.012	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.24	232	2094060	45.974	ng	#	100
59) Diethylphthalate	15.44	149	9592724	68.510	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	4358590	52.802	ng		94
61) 4-Nitroaniline	15.70	138	2667928	104.093	ng		82
62) Azobenzene	15.96	77	8726717	44.392	ng		92
64) 4,6-Dinitro-2-methylphenol	15.74	198	1272302	51.345	ng		90
65) n-Nitrosodiphenylamine	15.88	169	8180054	95.125	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	2801234	73.025	ng	#	87
67) Hexachlorobenzene	16.67	284	3282433	75.844	ng	#	88
68) Atrazine	16.83	200	2370158	64.737	ng		97
69) Pentachlorophenol	17.01	266	2028480	60.331	ng		98
70) Phenanthrene	17.41	178	13468598	73.223	ng	#	90
71) Anthracene	17.50	178	13545643	75.232	ng		94
72) Carbazole	17.77	167	13306646	76.784	ng		92
73) Di-n-butylphthalate	18.32	149	13910207	74.389	ng	#	88
74) Fluoranthene	19.41	202	14211215	48.454	ng		89
76) Benzidine	19.59	184	5237021	143.159	ng		99
77) Pyrene	19.77	202	14604458	88.390	ng	#	85
79) Butylbenzylphthalate	20.66	149	8083460	138.705	ng		91
80) Benzo(a)anthracene	21.52	228	13978562	67.888	ng	#	81
81) 3,3'-Dichlorobenzidine	21.44	252	5937049	72.427	ng		99
82) Chrysene	21.57	228	12848281	64.869	ng	#	86
83) Bis(2-ethylhexyl)phthalate	21.43	149	10486113	115.604	ng		96
84) Di-n-octyl phthalate	22.36	149	15409301	93.336	ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.39	276	13416234	44.392	ng	#	89
87) Benzo(b)fluoranthene	23.20	252	15091080	81.619	ng		97
88) Benzo(k)fluoranthene	23.25	252	14373572	83.932	ng		96
89) Benzo(a)pyrene	23.82	252	13734554	76.557	ng	#	96
90) Dibenzo(a,h)anthracene	26.40	278	11783262	62.540	ng		99
91) Benzo(g,h,i)perylene	27.14	276	11443720	58.937	ng		98

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

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