Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011363.D
Acq On : 28 Aug 2017 16:11
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
8/29/2017 6:00:36 PM

Quant Time: Aug 28 17:00:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM082817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:34:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	28297	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	156025	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	141695	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	458091	20.00	ng		0.00
75) Chrysene-d12	20.92	240	940222	20.00	ng		0.00
86) Perylene-d12	22.99	264	1152915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	221515	132.33	ng		0.00
7) Phenol-d6	6.46	99	415570	174.73	ng		0.00
23) Nitrobenzene-d5	8.40	82	634812	152.70	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	299849	132.03	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	1169196	103.49	ng		0.00
78) Terphenyl-d14	19.36	244	4153704	87.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	51816	68.942	ng	#	100
3) Pyridine	3.28	79	210081	102.332	ng	#	82
4) n-Nitrosodimethylamine	3.20	42	101544	97.061	ng	#	70
6) Aniline	6.61	93	294331	98.190	ng	#	81
8) 2-Chlorophenol	6.83	128	124758	73.409	ng	#	63
9) Benzaldehyde	6.42	77	139821	90.860	ng	#	65
10) Phenol	6.49	94	234860	90.915	ng		89
11) bis(2-Chloroethyl)ether	6.72	93	159634	79.309	ng		88
12) 1,3-Dichlorobenzene	7.15	146	142251	68.680	ng	#	71
13) 1,4-Dichlorobenzene	7.30	146	143351	67.522	ng	#	83
14) 1,2-Dichlorobenzene	7.60	146	145627	71.742	ng	#	89
15) Benzyl Alcohol	7.51	79	238287	104.439	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.79	45	174381	96.276	ng		78
17) 2-Methylphenol	7.72	107	150122	90.927	ng	#	66
18) Hexachloroethane	8.31	117	63847	68.960	ng	#	83
19) n-Nitroso-di-n-propylamine	8.07	70	237014	117.270	ng	#	88
20) 3+4-Methylphenols	8.04	107	211619	92.207	ng	#	70
22) Acetophenone	8.08	105	311393	66.580	ng	#	92
24) Nitrobenzene	8.45	77	335027	77.772	ng	#	74
25) Isophorone	8.97	82	544119	78.501	ng	#	81
26) 2-Nitrophenol	9.15	139	80628	58.823	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	144889	60.047	ng	#	53
28) bis(2-Chloroethoxy)methane	9.46	93	280464	72.548	ng	#	98
29) 2,4-Dichlorophenol	9.68	162	172642	63.672	ng		89
30) 1,2,4-Trichlorobenzene	9.89	180	205342	61.250	ng		98
31) Naphthalene	10.06	128	477742	60.866	ng		99
32) Benzoic acid	9.36	122	146805	75.692	ng	#	45
33) 4-Chloroaniline	10.19	127	221950	70.884	ng	#	60
34) Hexachlorobutadiene	10.36	225	163777	62.024	ng		97
35) Caprolactam	10.97	113	67613	87.931	ng	#	76
36) 4-Chloro-3-methylphenol	11.33	107	271064	77.422	ng	#	73
37) 2-Methylnaphthalene	11.69	142	396604	68.782	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	323853	53.198	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	137225	38.685	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.33	196	215732	58.549	ng		96
43) 2,4,5-Trichlorophenol	12.41	196	219352	57.800	ng	#	82
45) 1,1'-Biphenyl	12.74	154	638905	52.147	ng		93
46) 2-Chloronaphthalene	12.78	162	504607	55.898	ng	#	93
47) 2-Nitroaniline	13.01	65	311918	97.670	ng	#	50
48) Acenaphthylene	13.64	152	784320	58.218	ng		98
49) Dimethylphthalate	13.41	163	722118	59.574	ng		99
50) 2,6-Dinitrotoluene	13.53	165	157423	64.223	ng	#	15
51) Acenaphthene	13.99	154	490274	58.774	ng		92
52) 3-Nitroaniline	13.86	138	146078	68.676	ng	#	24
53) 2,4-Dinitrophenol	14.07	184	136850	78.558	ng	#	76
54) Dibenzofuran	14.33	168	835807	61.838	ng	#	90
55) 4-Nitrophenol	14.20	139	110961m	59.376	ng		
56) 2,4-Dinitrotoluene	14.33	165	255753	74.323	ng	#	71
57) Fluorene	14.99	166	765855	65.080	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.57	232	251502	70.704	ng	#	100
59) Diethylphthalate	14.80	149	786533	63.536	ng		99
60) 4-Chlorophenyl-phenylether	15.00	204	451847	63.595	ng		98
61) 4-Nitroaniline	15.03	138	155589	68.866	ng	#	1
62) Azobenzene	15.29	77	1110357	83.808	ng		84
64) 4,6-Dinitro-2-methylphenol	15.09	198	221079	71.288	ng		90
65) n-Nitrosodiphenylamine	15.22	169	721131	55.007	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	323099	54.865	ng	#	92
67) Hexachlorobenzene	16.00	284	353118	53.064	ng	#	86
68) Atrazine	16.19	200	302386	57.557	ng		94
69) Pentachlorophenol	16.35	266	283271	67.050	ng		94
70) Phenanthrene	16.73	178	1537775	64.110	ng		99
71) Anthracene	16.82	178	1543599	64.526	ng		100
72) Carbazole	17.11	167	1479179	70.704	ng		99
73) Di-n-butylphthalate	17.70	149	1573736	61.771	ng	#	94
74) Fluoranthene	18.77	202	2494344	83.913	ng		98
76) Benzidine	18.99	184	718338	31.936	ng	#	97
77) Pyrene	19.13	202	2695777	48.254	ng		100
79) Butylbenzylphthalate	20.08	149	971968	48.926	ng	#	47
80) Benzo(a)anthracene	20.90	228	3379567	62.951	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	1392580	66.122	ng	#	98
82) Chrysene	20.96	228	3200927	62.114	ng		99
83) Bis(2-ethylhexyl)phthalate	20.87	149	1418416	48.534	ng		99
84) Di-n-octyl phthalate	21.72	149	2733501	57.628	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	4977513	93.262	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	4069494	54.996	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	3945643	55.634	ng	#	95
89) Benzo(a)pyrene	22.90	252	4035978	60.278	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	4301010	69.292	ng	#	90
91) Benzo(g,h,i)perylene	25.61	276	4388148	71.995	ng	#	83

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

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