Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011359.D
Acq On : 28 Aug 2017 13:46
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
8/29/2017 6:00:31 PM

Quant Time: Aug 28 16:58:06 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	33362	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	159120	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	134876	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	434241	20.00	ng		0.00
75) Chrysene-d12	20.92	240	870650	20.00	ng		0.00
86) Perylene-d12	22.99	264	1102903	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	40491	20.52	ng		0.00
7) Phenol-d6	6.46	99	66723	23.79	ng		0.00
23) Nitrobenzene-d5	8.41	82	102273	24.12	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	46673	21.59	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	196402	18.26	ng		0.00
78) Terphenyl-d14	19.36	244	619305	14.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	10726	12.104	ng	#	100
3) Pyridine	3.29	79	35293	14.581	ng	#	83
4) n-Nitrosodimethylamine	3.20	42	20264	16.429	ng	#	59
6) Aniline	6.61	93	47763	13.515	ng	#	84
8) 2-Chlorophenol	6.83	128	19999	9.981	ng	#	27
9) Benzaldehyde	6.43	77	33496	18.462	ng	#	67
10) Phenol	6.49	94	36646	12.032	ng		94
11) bis(2-Chloroethyl)ether	6.72	93	30583	12.887	ng		93
12) 1,3-Dichlorobenzene	7.15	146	25384	10.395	ng	#	59
13) 1,4-Dichlorobenzene	7.29	146	24822	9.917	ng	#	87
14) 1,2-Dichlorobenzene	7.60	146	23629	9.873	ng	#	83
15) Benzyl Alcohol	7.52	79	41839	15.554	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.80	45	34022	15.932	ng		87
17) 2-Methylphenol	7.72	107	24746	12.713	ng	#	70
18) Hexachloroethane	8.32	117	10905	9.990	ng		87
19) n-Nitroso-di-n-propylamine	8.07	70	38117	15.996	ng	#	94
20) 3+4-Methylphenols	8.05	107	32790	12.118	ng	#	62
22) Acetophenone	8.09	105	52475	11.002	ng	#	76
24) Nitrobenzene	8.45	77	52690	11.993	ng	#	75
25) Isophorone	8.97	82	89609	12.677	ng	#	78
26) 2-Nitrophenol	9.15	139	12365	8.846	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	21885	8.893	ng	#	27
28) bis(2-Chloroethoxy)methane	9.47	93	44374	11.255	ng	#	90
29) 2,4-Dichlorophenol	9.70	162	26656	9.640	ng		82
30) 1,2,4-Trichlorobenzene	9.89	180	34615	10.124	ng	#	86
31) Naphthalene	10.07	128	84447	10.550	ng	#	95
32) Benzoic acid	9.32	122	21997	11.121	ng	#	42
33) 4-Chloroaniline	10.21	127	28047	8.783	ng	#	64
34) Hexachlorobutadiene	10.36	225	28722	10.666	ng		97
35) Caprolactam	10.97	113	9768	12.456	ng	#	45
36) 4-Chloro-3-methylphenol	11.35	107	45921	12.861	ng	#	65
37) 2-Methylnaphthalene	11.70	142	63969	10.878	ng	#	76
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	52726	9.099	ng	#	100
40) Hexachlorocyclopentadiene	12.05	237	15764	4.669	ng		86

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.34	196	32675	9.316	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	32911	9.111	ng	#	74
45) 1,1'-Biphenyl	12.75	154	105755	9.068	ng		86
46) 2-Chloronaphthalene	12.79	162	81918	9.533	ng	#	86
47) 2-Nitroaniline	13.01	65	43231	14.221	ng	#	44
48) Acenaphthylene	13.65	152	127573	9.948	ng		97
49) Dimethylphthalate	13.41	163	121571	10.537	ng	#	94
50) 2,6-Dinitrotoluene	13.53	165	22573	9.675	ng	#	10
51) Acenaphthene	13.99	154	77643	9.778	ng		90
52) 3-Nitroaniline	13.86	138	18800	9.285	ng	#	56
53) 2,4-Dinitrophenol	14.09	184	17819	10.746	ng	#	82
54) Dibenzofuran	14.33	168	131140	10.193	ng	#	88
55) 4-Nitrophenol	14.27	139	12697m	7.138	ng		
56) 2,4-Dinitrotoluene	14.33	165	36646	11.188	ng	#	44
57) Fluorene	14.99	166	122319	10.920	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.57	232	40242	11.885	ng	#	100
59) Diethylphthalate	14.80	149	118852	10.086	ng		93
60) 4-Chlorophenyl-phenylether	15.00	204	74674	11.041	ng		90
61) 4-Nitroaniline	15.06	138	17825m	8.288	ng		
62) Azobenzene	15.29	77	171524	13.601	ng		78
64) 4,6-Dinitro-2-methylphenol	15.10	198	27604	9.390	ng		90
65) n-Nitrosodiphenylamine	15.22	169	108959	8.768	ng		97
66) 4-Bromophenyl-phenylether	15.90	248	47925	8.585	ng	#	90
67) Hexachlorobenzene	16.00	284	58256	9.235	ng	#	77
68) Atrazine	16.20	200	48340	9.707	ng		97
69) Pentachlorophenol	16.36	266	40730	10.170	ng	#	80
70) Phenanthrene	16.73	178	242130	10.649	ng		97
71) Anthracene	16.83	178	228582	10.080	ng		99
72) Carbazole	17.11	167	215706	10.877	ng		98
73) Di-n-butylphthalate	17.70	149	239475	9.916	ng	#	94
74) Fluoranthene	18.77	202	376467	13.361	ng		97
76) Benzidine	19.00	184	43392m	2.083	ng		
77) Pyrene	19.13	202	407788	7.883	ng		98
79) Butylbenzylphthalate	20.08	149	135195	7.349	ng	#	50
80) Benzo(a)anthracene	20.90	228	509542	10.250	ng		97
81) 3,3'-Dichlorobenzidine	20.86	252	183723	9.420	ng	#	99
82) Chrysene	20.96	228	498789	10.452	ng		97
83) Bis(2-ethylhexyl)phthalate	20.87	149	220473	8.147	ng	#	96
84) Di-n-octyl phthalate	21.72	149	396694	9.031	ng	#	91
85) Indeno(1,2,3-cd)pyrene	24.99	276	773340	15.648	ng	#	96
87) Benzo(b)fluoranthene	22.38	252	633949	8.956	ng	#	92
88) Benzo(k)fluoranthene	22.42	252	577819	8.517	ng	#	95
89) Benzo(a)pyrene	22.90	252	620259	9.684	ng	#	93
90) Dibenzo(a,h)anthracene	25.00	278	643471	10.837	ng	#	90
91) Benzo(g,h,i)perylene	25.60	276	680892	11.678	ng	#	80

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

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