Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
Data File : BM014154.D
Acq On : 07 Feb 2018 10:21
Operator : SJ/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:13 PM

Quant Time: Feb 07 15:39:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 13:28:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	54126	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	228752	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	159752	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	389910	20.00	ng		0.00
75) Chrysene-d12	21.17	240	474742	20.00	ng		0.00
86) Perylene-d12	23.34	264	477242	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	14459	4.50	ng		0.01
7) Phenol-d6	6.75	99	16882	3.79	ng		0.00
23) Nitrobenzene-d5	8.72	82	21361	6.15	ng		0.01
41) 2,4,6-Tribromophenol	15.72	330	8509	4.60	ng		0.01
44) 2-Fluorobiphenyl	12.81	172	57440	5.18	ng		0.00
78) Terphenyl-d14	19.60	244	95972	5.02	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.55	79	7907	1.927	ng	#	67
4) n-Nitrosodimethylamine	3.46	42	6002	2.864	ng	#	34
6) Aniline	6.90	93	11897	1.965	ng		97
8) 2-Chlorophenol	7.12	128	7212	1.903	ng		92
9) Benzaldehyde	6.73	77	7871m	3.037	ng		
10) Phenol	6.76	94	8431m	1.720	ng		
11) bis(2-Chloroethyl)ether	6.99	93	7994	2.040	ng		79
12) 1,3-Dichlorobenzene	7.43	146	9766	2.262	ng	#	74
13) 1,4-Dichlorobenzene	7.58	146	9641	2.196	ng		90
14) 1,2-Dichlorobenzene	7.90	146	10497	2.470	ng	#	84
15) Benzyl Alcohol	7.82	79	7500	2.327	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	8269	1.262	ng	#	55
17) 2-Methylphenol	8.01	107	6551	2.087	ng	#	79
18) Hexachloroethane	8.60	117	4678	3.113	ng	#	78
19) n-Nitroso-di-n-propylamine	8.36	70	7369	2.251	ng	#	95
22) Acetophenone	8.39	105	15299	2.692	ng	#	85
24) Nitrobenzene	8.76	77	13086	3.421	ng	#	73
25) Isophorone	9.27	82	20212	2.599	ng	#	89
27) 2,4-Dimethylphenol	9.55	122	6757m	1.863	ng		
28) bis(2-Chloroethoxy)methane	9.77	93	8688	1.637	ng	#	87
29) 2,4-Dichlorophenol	10.03	162	6309m	1.859	ng		
30) 1,2,4-Trichlorobenzene	10.19	180	11098	2.955	ng	#	89
31) Naphthalene	10.37	128	29096	2.356	ng		99
34) Hexachlorobutadiene	10.65	225	8540	3.990	ng		86
36) 4-Chloro-3-methylphenol	11.66	107	7715	1.936	ng	#	74
37) 2-Methylnaphthalene	12.00	142	19609	2.281	ng	#	70
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	12990	2.702	ng	#	100
42) 2,4,6-Trichlorophenol	12.64	196	7007	2.202	ng		86
43) 2,4,5-Trichlorophenol	12.73	196	7219	2.234	ng	#	79
45) 1,1'-Biphenyl	13.03	154	28802	2.031	ng		88
46) 2-Chloronaphthalene	13.07	162	21943	2.083	ng	#	86
48) Acenaphthylene	13.92	152	37403	2.279	ng		97
49) Dimethylphthalate	13.67	163	31537	2.484	ng	#	95
50) 2,6-Dinitrotoluene	13.80	165	6013	2.502	ng	#	55

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.26	154	24282	2.278	ng	#	82
54) Dibenzofuran	14.62	168	34859	2.372	ng	#	83
57) Fluorene	15.26	166	31006	2.420	ng		90
59) Diethylphthalate	15.04	149	34116	2.608	ng		96
60) 4-Chlorophenyl-phenylether	15.26	204	16760	2.804	ng		94
62) Azobenzene	15.55	77	39006	3.309	ng		81
65) n-Nitrosodiphenylamine	15.49	169	25652	2.088	ng	#	84
66) 4-Bromophenyl-phenylether	16.16	248	10186	2.484	ng	#	81
67) Hexachlorobenzene	16.26	284	11976	2.488	ng	#	71
68) Atrazine	16.44	200	9401	2.611	ng		96
70) Phenanthrene	17.00	178	54160	2.494	ng	#	94
71) Anthracene	17.10	178	46591	2.134	ng		98
73) Di-n-butylphthalate	17.94	149	52921	2.165	ng	#	94
74) Fluoranthene	19.04	202	61597	2.486	ng		92
77) Pyrene	19.40	202	63491	2.182	ng	#	92
80) Benzo(a)anthracene	21.15	228	66829	2.517	ng		97
82) Chrysene	21.20	228	72694	2.905	ng		94
85) Indeno(1,2,3-cd)pyrene	25.52	276	66921	2.867	ng		96
87) Benzo(b)fluoranthene	22.70	252	67702	2.311	ng	#	92
88) Benzo(k)fluoranthene	22.74	252	59938	2.134	ng	#	94
89) Benzo(a)pyrene	23.25	252	60190	2.278	ng		96
90) Dibenzo(a,h)anthracene	25.53	278	52759	2.333	ng		95
91) Benzo(g,h,i)perylene	26.19	276	51581	2.360	ng	#	89

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

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