Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018388.D
Acq On : 27 Dec 2018 09:55
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC2.5

Quant Time: Dec 27 14:18:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 13:32:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228326	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	1026317	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	647449	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	1553812	20.00	ng		0.00
76) Chrysene-d12	21.37	240	1750324	20.00	ng		0.00
87) Perylene-d12	23.66	264	1919074	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	57628	4.22	ng		0.00
7) Phenol-d6	6.93	99	75672	3.98	ng		0.00
23) Nitrobenzene-d5	8.95	82	85201	4.26	ng		0.00
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
45) 2-Fluorobiphenyl	13.05	172	242510	4.85	ng		0.00
79) Terphenyl-d14	19.81	244	427331	5.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	13073	2.414	ng	#	100
3) Pyridine	3.70	79	27805	1.746	ng	#	90
6) Aniline	7.12	93	51851	2.176	ng		94
8) 2-Chlorophenol	7.35	128	34132	2.114	ng		98
9) Benzaldehyde	6.93	77	35973	3.107	ng		90
10) Phenol	6.96	94	42265	2.101	ng		97
11) bis(2-Chloroethyl)ether	7.22	93	30687	1.919	ng		94
12) 1,3-Dichlorobenzene	7.67	146	45345	2.515	ng	#	96
13) 1,4-Dichlorobenzene	7.82	146	46225	2.524	ng		98
14) 1,2-Dichlorobenzene	8.13	146	46492	2.634	ng		98
15) Benzyl Alcohol	8.02	79	30413	1.965	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.32	45	56550	3.930	ng		95
17) 2-Methylphenol	8.22	107	30094	2.240	ng		97
18) Hexachloroethane	8.86	117	16204	2.414	ng		93
19) n-Nitroso-di-n-propylamine	8.59	70	32418	2.285	ng		95
20) 3+4-Methylphenols	8.54	107	35680	1.895	ng		98
22) Acetophenone	8.61	105	66675	2.455	ng	#	96
24) Nitrobenzene	8.99	77	43066	2.154	ng		96
25) Isophorone	9.51	82	75501	2.266	ng		97
27) 2,4-Dimethylphenol	9.75	122	30846	2.183	ng		89
28) bis(2-Chloroethoxy)methane	10.00	93	45576	2.099	ng		91
29) 2,4-Dichlorophenol	10.22	162	26058	1.663	ng		95
30) 1,2,4-Trichlorobenzene	10.44	180	43013	2.413	ng		99
31) Naphthalene	10.63	128	125853	2.508	ng		99
33) 4-Chloroaniline	10.75	127	54044	2.458	ng		98
34) Hexachlorobutadiene	10.90	225	27116	2.406	ng		93
36) 4-Chloro-3-methylphenol	11.85	107	31922	1.695	ng		97
37) 2-Methylnaphthalene	12.25	142	91562	2.587	ng		99
38) 1-Methylnaphthalene	12.46	142	88714	2.569	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	48647	2.185	ng		98
41) Hexachlorocyclopentadiene	12.58	237	20363	2.565	ng		93
43) 2,4,6-Trichlorophenol	12.85	196	21449	1.498	ng		92
46) 1,1'-Biphenyl	13.26	154	139116	2.388	ng		99
47) 2-Chloronaphthalene	13.30	162	104885	2.447	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.15	152	161073	2.493	ng		98
50) Dimethylphthalate	13.89	163	130411	2.423	ng	#	97
52) Acenaphthene	14.49	154	98347	2.491	ng		97
55) Dibenzofuran	14.83	168	164069	2.586	ng		98
58) Fluorene	15.48	166	125709	2.566	ng		98
60) Diethylphthalate	15.26	149	130633	2.249	ng		96
61) 4-Chlorophenyl-phenylether	15.48	204	70083	2.529	ng		96
63) Azobenzene	15.77	77	128995	2.435	ng		97
66) n-Nitrosodiphenylamine	15.69	169	116447	2.266	ng		99
67) 4-Bromophenyl-phenylether	16.37	248	39996	2.125	ng		97
68) Hexachlorobenzene	16.47	284	47915	2.324	ng		96
69) Atrazine	16.64	200	36560	2.108	ng		97
71) Phenanthrene	17.22	178	202909	2.404	ng		99
72) Anthracene	17.31	178	196190	2.343	ng		98
73) Carbazole	17.58	167	201959	2.350	ng		100
74) Di-n-butylphthalate	18.15	149	186798	1.762	ng	#	98
75) Fluoranthene	19.24	202	230432	2.348	ng		97
77) Benzidine	19.43	184	92288	2.079	ng		99
78) Pyrene	19.60	202	243464	2.334	ng		98
81) Benzo(a)anthracene	21.35	228	256112	2.505	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	74424	1.822	ng	#	96
83) Chrysene	21.40	228	248656	2.528	ng		99
86) Indeno(1,2,3-cd)pyrene	25.99	276	295705	3.019	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	252776	2.345	ng		97
89) Benzo(k)fluoranthene	23.02	252	248906	2.318	ng		97
90) Benzo(a)pyrene	23.56	252	236278	2.305	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	253925	2.674	ng		99
92) Benzo(g,h,i)perylene	26.70	276	241967	2.695	ng		98

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

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