Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
Data File : BM018754.D
Acq On : 11 Feb 2019 12:45
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
2/12/2019 12:11:34 PM

Quant Time: Feb 11 14:37:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 14:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	298865	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1236895	20.00	ng		0.00
39) Acenaphthene-d10	14.36	164	717196	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	1634532	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1760993	20.00	ng		0.00
87) Perylene-d12	23.57	264	1689579	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	945156	58.40	ng		0.00
7) Phenol-d6	6.89	99	1321748	64.29	ng		0.00
23) Nitrobenzene-d5	8.88	82	1376092	64.49	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	524068	57.39	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	2747513	49.99	ng		0.00
79) Terphenyl-d14	19.74	244	4641511	55.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	207325	31.428	ng		99
3) Pyridine	3.66	79	586083	35.635	ng		99
4) n-Nitrosodimethylamine	3.58	42	141369	20.787	ng		86
6) Aniline	7.06	93	799663	34.871	ng		98
8) 2-Chlorophenol	7.28	128	512626	27.118	ng		99
9) Benzaldehyde	6.87	77	406010	35.302	ng		98
10) Phenol	6.91	94	695712	33.304	ng		98
11) bis(2-Chloroethyl)ether	7.15	93	531670	32.391	ng		98
12) 1,3-Dichlorobenzene	7.60	146	580070	25.767	ng		100
13) 1,4-Dichlorobenzene	7.75	146	588021	25.771	ng		99
14) 1,2-Dichlorobenzene	8.06	146	567949	26.251	ng		99
15) Benzyl Alcohol	7.96	79	525377	35.384	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	512414	24.428	ng		98
17) 2-Methylphenol	8.16	107	440867	31.091	ng		98
18) Hexachloroethane	8.78	117	216661	26.631	ng		99
19) n-Nitroso-di-n-propylamine	8.52	70	513868	38.410	ng		99
20) 3+4-Methylphenols	8.49	107	611213	31.224	ng		99
22) Acetophenone	8.55	105	872467	28.514	ng	#	99
24) Nitrobenzene	8.92	77	707666	33.709	ng		99
25) Isophorone	9.44	82	1089887	33.733	ng		100
26) 2-Nitrophenol	9.63	139	282889	27.868	ng		98
27) 2,4-Dimethylphenol	9.68	122	413981	27.208	ng		98
28) bis(2-Chloroethoxy)methane	9.93	93	708459	31.741	ng		100
29) 2,4-Dichlorophenol	10.15	162	480892	26.542	ng		99
30) 1,2,4-Trichlorobenzene	10.36	180	541633	24.085	ng		100
31) Naphthalene	10.55	128	1533830	25.749	ng		99
32) Benzoic acid	9.82	122	334790m	36.107	ng		
33) 4-Chloroaniline	10.68	127	689687	29.399	ng		99
34) Hexachlorobutadiene	10.82	225	312611	22.004	ng		99
35) Caprolactam	11.48	113	186950m	30.350	ng		
36) 4-Chloro-3-methylphenol	11.80	107	575733	30.289	ng		99
37) 2-Methylnaphthalene	12.17	142	1072041	25.472	ng		99
38) 1-Methylnaphthalene	12.39	142	1059071	26.007	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	583461	23.264	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	287531	20.889	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	392238	25.754	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	413240	25.799	ng	97
46) 1,1'-Biphenyl	13.19	154	1567203	25.026	ng	99
47) 2-Chloronaphthalene	13.23	162	1207225	24.860	ng	99
48) 2-Nitroaniline	13.46	65	409710	34.294	ng	100
49) Acenaphthylene	14.09	152	1822085	25.747	ng	99
50) Dimethylphthalate	13.83	163	1524210	25.877	ng	99
51) 2,6-Dinitrotoluene	13.96	165	335287	26.873	ng	98
52) Acenaphthene	14.43	154	1100764	25.422	ng	99
53) 3-Nitroaniline	14.29	138	358102	28.469	ng	94
54) 2,4-Dinitrophenol	14.50	184	168171	29.615	ng	98
55) Dibenzofuran	14.76	168	1813740	25.351	ng	100
56) 4-Nitrophenol	14.60	139	283140	26.056	ng	100
57) 2,4-Dinitrotoluene	14.74	165	463839	26.275	ng	98
58) Fluorene	15.42	166	1376739	25.832	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	365810	25.765	ng	100
60) Diethylphthalate	15.19	149	1571193	26.424	ng	100
61) 4-Chlorophenyl-phenylether	15.41	204	771861	25.128	ng	99
62) 4-Nitroaniline	15.46	138	345503	25.182	ng	96
63) Azobenzene	15.70	77	1719095	35.460	ng	100
65) 4,6-Dinitro-2-methylphenol	15.50	198	273873	28.392	ng	98
66) n-Nitrosodiphenylamine	15.63	169	1321607	26.066	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	465627	25.456	ng	98
68) Hexachlorobenzene	16.41	284	533841	26.070	ng	98
69) Atrazine	16.59	200	456320	24.895	ng	99
70) Pentachlorophenol	16.76	266	358023	26.697	ng	99
71) Phenanthrene	17.16	178	2210183	25.422	ng	100
72) Anthracene	17.25	178	2167011	25.920	ng	100
73) Carbazole	17.53	167	2262701	26.343	ng	99
74) Di-n-butylphthalate	18.08	149	2671809	28.398	ng	100
75) Fluoranthene	19.18	202	2551123	25.451	ng	99
77) Benzidine	19.37	184	1003995	23.090	ng	99
78) Pyrene	19.54	202	2678215	25.658	ng	100
80) Butylbenzylphthalate	20.44	149	1224108	27.483	ng	99
81) Benzo(a)anthracene	21.29	228	2612893	25.186	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1036026	26.409	ng	99
83) Chrysene	21.34	228	2478935	24.745	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1768515	27.496	ng	99
85) Di-n-octyl phthalate	22.10	149	2919066	26.984	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	2533576	21.932	ng	100
88) Benzo(b)fluoranthene	22.89	252	2534520	26.423	ng	99
89) Benzo(k)fluoranthene	22.93	252	2414137	24.974	ng	100
90) Benzo(a)pyrene	23.47	252	2319403	25.257	ng	99
91) Dibenzo(a,h)anthracene	25.87	278	2156242	23.174	ng	99
92) Benzo(g,h,i)perylene	26.56	276	1980785	21.876	ng	99

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

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