Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\
Data File : BM018206.D
Acq On : 15 Dec 2018 15:52
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/17/2018 4:19:45 PM

Quant Time: Dec 15 21:23:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	126638	20.00	ng		0.00
21) Naphthalene-d8	10.27	136	533341	20.00	ng		0.00
39) Acenaphthene-d10	14.16	164	302930	20.00	ng		0.00
64) Phenanthrene-d10	16.92	188	647173	20.00	ng		0.00
76) Chrysene-d12	21.14	240	719285	20.00	ng		0.00
87) Perylene-d12	23.31	264	653714	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	929073	124.11	ng		0.00
7) Phenol-d6	6.70	99	1319835	126.10	ng		0.00
23) Nitrobenzene-d5	8.66	82	1349239	130.64	ng		0.00
42) 2,4,6-Tribromophenol	15.67	330	559436	129.03	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	3003167	129.40	ng		0.00
79) Terphenyl-d14	19.58	244	3709468	117.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	173931	56.037	ng		100
3) Pyridine	3.51	79	518566	56.996	ng		99
4) n-Nitrosodimethylamine	3.43	42	183350	47.263	ng		99
6) Aniline	6.85	93	814985	62.724	ng		99
8) 2-Chlorophenol	7.07	128	550813	61.527	ng		98
9) Benzaldehyde	6.67	77	329931	44.630	ng		97
10) Phenol	6.73	94	697235	63.262	ng		97
11) bis(2-Chloroethyl)ether	6.95	93	541914	62.472	ng		99
12) 1,3-Dichlorobenzene	7.39	146	602263	59.921	ng		100
13) 1,4-Dichlorobenzene	7.54	146	619450	60.260	ng		99
14) 1,2-Dichlorobenzene	7.85	146	599453	60.157	ng		99
15) Benzyl Alcohol	7.76	79	530540	63.700	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	478027	38.482	ng		98
17) 2-Methylphenol	7.96	107	466789	63.199	ng		96
18) Hexachloroethane	8.55	117	227889	62.705	ng		96
19) n-Nitroso-di-n-propylamine	8.32	70	491141	64.888	ng		99
20) 3+4-Methylphenols	8.29	107	651955	63.353	ng		98
22) Acetophenone	8.33	105	894667	66.979	ng	#	99
24) Nitrobenzene	8.70	77	669602	64.060	ng		99
25) Isophorone	9.23	82	1102833	68.701	ng		99
26) 2-Nitrophenol	9.40	139	330693	68.612	ng		98
27) 2,4-Dimethylphenol	9.47	122	466647	67.128	ng		100
28) bis(2-Chloroethoxy)methane	9.71	93	725079	67.330	ng		99
29) 2,4-Dichlorophenol	9.93	162	529781	66.012	ng		99
30) 1,2,4-Trichlorobenzene	10.14	180	583277	62.557	ng		93
31) Naphthalene	10.32	128	1628274	62.571	ng		100
32) Benzoic acid	9.69	122	453398m	71.431	ng		
33) 4-Chloroaniline	10.45	127	748004	65.670	ng		100
34) Hexachlorobutadiene	10.59	225	369878	63.743	ng		99
35) Caprolactam	11.29	113	201867m	67.497	ng		
36) 4-Chloro-3-methylphenol	11.59	107	623450	66.987	ng		98
37) 2-Methylnaphthalene	11.95	142	1157844	62.969	ng		98
38) 1-Methylnaphthalene	12.17	142	1129321	62.706	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.32	216	677103	64.115	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	277878	53.571 ng	98
43) 2,4,6-Trichlorophenol	12.58	196	440426	66.466 ng	97
44) 2,4,5-Trichlorophenol	12.66	196	461753	65.982 ng	99
46) 1,1'-Biphenyl	12.99	154	1740043	64.320 ng	99
47) 2-Chloronaphthalene	13.02	162	1276956	63.751 ng	99
48) 2-Nitroaniline	13.26	65	395802	64.252 ng	98
49) Acenaphthylene	13.88	152	1902692	63.121 ng	99
50) Dimethylphthalate	13.65	163	1559385	63.573 ng	99
51) 2,6-Dinitrotoluene	13.77	165	347789	63.749 ng	95
52) Acenaphthene	14.23	154	1135922	61.554 ng	99
53) 3-Nitroaniline	14.10	138	383876	64.555 ng	98
54) 2,4-Dinitrophenol	14.32	184	202774	71.768 ng	96
55) Dibenzofuran	14.57	168	1824444	60.466 ng	98
56) 4-Nitrophenol	14.43	139	284551	64.393 ng	97
57) 2,4-Dinitrotoluene	14.57	165	482978	65.618 ng	98
58) Fluorene	15.22	166	1403520	60.755 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	384911	59.910 ng	98
60) Diethylphthalate	15.02	149	1570191	59.083 ng	99
61) 4-Chlorophenyl-phenylether	15.22	204	791838	60.432 ng	98
62) 4-Nitroaniline	15.28	138	369959	66.012 ng	99
63) Azobenzene	15.52	77	1465754	59.657 ng	97
65) 4,6-Dinitro-2-methylphenol	15.34	198	312752	70.058 ng	94
66) n-Nitrosodiphenylamine	15.44	169	1369395	66.038 ng	99
67) 4-Bromophenyl-phenylether	16.12	248	491385	64.658 ng	96
68) Hexachlorobenzene	16.23	284	540328	63.119 ng	97
69) Atrazine	16.42	200	416687	55.268 ng	99
70) Pentachlorophenol	16.58	266	368082	61.894 ng	99
71) Phenanthrene	16.97	178	2200994	63.140 ng	99
72) Anthracene	17.06	178	2204933	64.931 ng	99
73) Carbazole	17.34	167	2275335	66.231 ng	99
74) Di-n-butylphthalate	17.90	149	2699699	69.700 ng	99
75) Fluoranthene	19.00	202	2520247	63.799 ng	100
77) Benzidine	19.20	184	1050366	46.830 ng	99
78) Pyrene	19.36	202	2555768	58.248 ng	99
80) Butylbenzylphthalate	20.29	149	1196604	65.953 ng	96
81) Benzo(a)anthracene	21.13	228	2571037	62.392 ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	985048	61.698 ng	98
83) Chrysene	21.19	228	2456148	61.446 ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1788927	66.119 ng	100
85) Di-n-octyl phthalate	21.93	149	2980889	68.278 ng	98
86) Indeno(1,2,3-cd)pyrene	25.46	276	2163277	64.857 ng	99
88) Benzo(b)fluoranthene	22.67	252	2326943	61.559 ng	99
89) Benzo(k)fluoranthene	22.72	252	2208595	58.208 ng	100
90) Benzo(a)pyrene	23.22	252	2159791	62.453 ng	100
91) Dibenzo(a,h)anthracene	25.46	278	1869248	63.040 ng	100
92) Benzo(g,h,i)perylene	26.10	276	1756570	63.083 ng	99

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

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