Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018290.D
Acq On : 19 Dec 2018 10:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 2:55:00 PM

Quant Time: Dec 20 13:28:31 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 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	113534	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	486076	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	276689	20.00	ng		-0.02
64) Phenanthrene-d10	16.91	188	621849	20.00	ng		-0.01
76) Chrysene-d12	21.13	240	673942	20.00	ng		-0.01
87) Perylene-d12	23.29	264	552586	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	590876	86.94	ng		0.00
7) Phenol-d6	6.69	99	807857	85.52	ng		-0.01
23) Nitrobenzene-d5	8.65	82	862485	91.01	ng		-0.02
42) 2,4,6-Tribromophenol	15.66	330	337168	83.03	ng		-0.01
45) 2-Fluorobiphenyl	12.75	172	1807580	84.62	ng		-0.02
79) Terphenyl-d14	19.56	244	2520338	84.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	122952	45.668	ng		97
3) Pyridine	3.50	79	369327	46.630	ng		99
4) n-Nitrosodimethylamine	3.43	42	126947	46.565	ng		96
6) Aniline	6.84	93	501138	42.289	ng		99
8) 2-Chlorophenol	7.06	128	332791	41.443	ng		97
9) Benzaldehyde	6.66	77	239936	41.670	ng		93
10) Phenol	6.72	94	426449	42.626	ng		97
11) bis(2-Chloroethyl)ether	6.94	93	330625	41.583	ng		99
12) 1,3-Dichlorobenzene	7.37	146	364328	40.630	ng		95
13) 1,4-Dichlorobenzene	7.52	146	377532	41.461	ng		97
14) 1,2-Dichlorobenzene	7.83	146	364836	41.563	ng		99
15) Benzyl Alcohol	7.75	79	335951	43.645	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	273035	38.159	ng		92
17) 2-Methylphenol	7.95	107	278883	41.748	ng		94
18) Hexachloroethane	8.53	117	142915	42.821	ng		95
19) n-Nitroso-di-n-propylamine	8.30	70	310299	43.993	ng		98
20) 3+4-Methylphenols	8.27	107	393085	41.995	ng		98
22) Acetophenone	8.32	105	537165	41.760	ng	#	99
24) Nitrobenzene	8.69	77	428888	45.295	ng		95
25) Isophorone	9.21	82	681557	43.200	ng		98
26) 2-Nitrophenol	9.39	139	191545	41.244	ng		89
27) 2,4-Dimethylphenol	9.46	122	269529	40.269	ng		95
28) bis(2-Chloroethoxy)methane	9.69	93	431704	41.978	ng		97
29) 2,4-Dichlorophenol	9.92	162	313343	42.224	ng		98
30) 1,2,4-Trichlorobenzene	10.12	180	345771	40.962	ng		91
31) Naphthalene	10.30	128	964861	40.595	ng		98
32) Benzoic acid	9.65	122	245085m	38.670	ng		
33) 4-Chloroaniline	10.44	127	432000	41.493	ng		98
34) Hexachlorobutadiene	10.57	225	226484	42.423	ng		99
35) Caprolactam	11.26	113	117513	41.557	ng		95
36) 4-Chloro-3-methylphenol	11.57	107	375150	42.071	ng		97
37) 2-Methylnaphthalene	11.93	142	677430	40.416	ng		97
38) 1-Methylnaphthalene	12.15	142	668227	40.856	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	400026	42.043	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	144370	39.236	ng		96
43) 2,4,6-Trichlorophenol	12.56	196	266843	43.605	ng		94
44) 2,4,5-Trichlorophenol	12.65	196	268132	41.272	ng		98
46) 1,1'-Biphenyl	12.97	154	1034947	41.578	ng		97
47) 2-Chloronaphthalene	13.00	162	766947	41.862	ng		99
48) 2-Nitroaniline	13.24	65	257815	45.682	ng		92
49) Acenaphthylene	13.86	152	1150247	41.662	ng		99
50) Dimethylphthalate	13.62	163	950102	41.303	ng		99
51) 2,6-Dinitrotoluene	13.75	165	210368	41.601	ng		92
52) Acenaphthene	14.21	154	694973	41.189	ng		99
53) 3-Nitroaniline	14.09	138	221074	41.543	ng		92
54) 2,4-Dinitrophenol	14.30	184	106561	38.201	ng		93
55) Dibenzofuran	14.55	168	1124618	41.481	ng		99
56) 4-Nitrophenol	14.42	139	160226	39.712	ng		84
57) 2,4-Dinitrotoluene	14.55	165	300025	42.924	ng	#	85
58) Fluorene	15.20	166	883461	42.191	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.79	232	242083	41.375	ng		98
60) Diethylphthalate	15.00	149	1029155	41.458	ng		98
61) 4-Chlorophenyl-phenylether	15.21	204	504796	42.626	ng		100
62) 4-Nitroaniline	15.26	138	215094	42.598	ng		87
63) Azobenzene	15.50	77	1044955	46.165	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	180973	39.532	ng		93
66) n-Nitrosodiphenylamine	15.43	169	836582	40.683	ng		99
67) 4-Bromophenyl-phenylether	16.10	248	304571	40.442	ng		97
68) Hexachlorobenzene	16.21	284	336881	40.831	ng		95
69) Atrazine	16.40	200	281707	40.579	ng		99
70) Pentachlorophenol	16.57	266	221377	40.627	ng		98
71) Phenanthrene	16.95	178	1384287	40.983	ng		100
72) Anthracene	17.04	178	1375008	41.033	ng		99
73) Carbazole	17.33	167	1406628	40.897	ng		99
74) Di-n-butylphthalate	17.89	149	1761430	41.506	ng		99
75) Fluoranthene	18.98	202	1626074	41.406	ng		100
77) Benzidine	19.19	184	578175	33.831	ng		99
78) Pyrene	19.35	202	1686904	42.008	ng		99
80) Butylbenzylphthalate	20.27	149	812933	42.553	ng		96
81) Benzo(a)anthracene	21.12	228	1592439	40.450	ng		100
82) 3,3'-Dichlorobenzidine	21.06	252	642082	40.824	ng		99
83) Chrysene	21.17	228	1522043	40.195	ng		100
84) Bis(2-ethylhexyl)phthalate	21.05	149	1205256	42.332	ng		97
85) Di-n-octyl phthalate	21.92	149	1875399	40.220	ng		99
86) Indeno(1,2,3-cd)pyrene	25.41	276	1252043	33.193	ng		98
88) Benzo(b)fluoranthene	22.64	252	1347776	43.421	ng		100
89) Benzo(k)fluoranthene	22.69	252	1351119	43.707	ng		99
90) Benzo(a)pyrene	23.19	252	1212028	41.055	ng		99
91) Dibenzo(a,h)anthracene	25.42	278	1075737	39.337	ng		99
92) Benzo(g,h,i)perylene	26.06	276	1012254	39.158	ng		99

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

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