Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018417.D
Acq On : 28 Dec 2018 04:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2018 12:30:34 PM

Quant Time: Dec 28 05:39:50 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 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	529965	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	2341004	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1370799	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	3152726	20.00	ng		0.00
76) Chrysene-d12	21.37	240	3388704	20.00	ng		0.00
87) Perylene-d12	23.66	264	3441271	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	2370533	84.33	ng		0.00
7) Phenol-d6	6.95	99	3363877	86.18	ng		0.01
23) Nitrobenzene-d5	8.95	82	3245462	79.57	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	1513581	86.90	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	8205665	81.07	ng		0.00
79) Terphenyl-d14	19.81	244	12021701	75.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	421171	36.791	ng		99
3) Pyridine	3.69	79	1118245	35.414	ng		97
4) n-Nitrosodimethylamine	3.62	42	494344	38.396	ng	#	96
6) Aniline	7.12	93	1928449	39.611	ng		99
8) 2-Chlorophenol	7.35	128	1449358	42.756	ng		96
9) Benzaldehyde	6.93	77	978213	35.698	ng		100
10) Phenol	6.98	94	1673064	41.665	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	1286395	41.098	ng		98
12) 1,3-Dichlorobenzene	7.67	146	1602514	40.244	ng		99
13) 1,4-Dichlorobenzene	7.82	146	1633259	40.372	ng		99
14) 1,2-Dichlorobenzene	8.13	146	1591033	40.082	ng		99
15) Benzyl Alcohol	8.03	79	1256337	41.467	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1818074	36.474	ng		98
17) 2-Methylphenol	8.22	107	1188068	41.764	ng		98
18) Hexachloroethane	8.86	117	582656	40.350	ng		96
19) n-Nitroso-di-n-propylamine	8.60	70	1135033	38.173	ng		96
20) 3+4-Methylphenols	8.56	107	1662223	43.555	ng		98
22) Acetophenone	8.61	105	2318495	39.008	ng	#	98
24) Nitrobenzene	8.99	77	1592932	39.464	ng		97
25) Isophorone	9.52	82	2736895	38.683	ng		98
26) 2-Nitrophenol	9.70	139	798826	46.230	ng		96
27) 2,4-Dimethylphenol	9.75	122	1230437	41.986	ng		99
28) bis(2-Chloroethoxy)methane	10.00	93	1778953	40.061	ng		99
29) 2,4-Dichlorophenol	10.23	162	1450441	44.750	ng		98
30) 1,2,4-Trichlorobenzene	10.44	180	1638857	41.276	ng		99
31) Naphthalene	10.63	128	4540547	40.241	ng		99
32) Benzoic acid	9.92	122	879124m	49.950	ng		
33) 4-Chloroaniline	10.75	127	2084095	40.316	ng		99
34) Hexachlorobutadiene	10.90	225	980381	40.665	ng		99
35) Caprolactam	11.56	113	541885m	45.238	ng		
36) 4-Chloro-3-methylphenol	11.87	107	1608846	43.790	ng		99
37) 2-Methylnaphthalene	12.25	142	3287601	39.789	ng		99
38) 1-Methylnaphthalene	12.46	142	3186747	39.676	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1822796	42.475	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	868328	41.730 ng	100
43) 2,4,6-Trichlorophenol	12.86	196	1218573	49.989 ng	99
44) 2,4,5-Trichlorophenol	12.93	196	1271895	47.746 ng	99
46) 1,1'-Biphenyl	13.26	154	4727759	40.360 ng	99
47) 2-Chloronaphthalene	13.30	162	3670432	40.910 ng	99
48) 2-Nitroaniline	13.52	65	1038295	43.128 ng	94
49) Acenaphthylene	14.16	152	5563882	40.281 ng	99
50) Dimethylphthalate	13.90	163	4600114	40.167 ng	100
51) 2,6-Dinitrotoluene	14.02	165	1018986	42.395 ng	91
52) Acenaphthene	14.50	154	3352816	40.223 ng	99
53) 3-Nitroaniline	14.35	138	1136047	42.500 ng	97
54) 2,4-Dinitrophenol	14.55	184	345719	49.979 ng	92
55) Dibenzofuran	14.83	168	5452839	39.980 ng	99
56) 4-Nitrophenol	14.65	139	936085	43.425 ng	99
57) 2,4-Dinitrotoluene	14.80	165	1409495	43.341 ng	99
58) Fluorene	15.48	166	4208674	39.616 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1101955	44.794 ng	98
60) Diethylphthalate	15.26	149	4810163	40.156 ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	2336115	40.024 ng	96
62) 4-Nitroaniline	15.52	138	1198444	42.121 ng	94
63) Azobenzene	15.77	77	4105574	37.605 ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	649534	48.287 ng	94
66) n-Nitrosodiphenylamine	15.70	169	4032495	41.039 ng	99
67) 4-Bromophenyl-phenylether	16.37	248	1424402	41.489 ng	98
68) Hexachlorobenzene	16.47	284	1575274	40.505 ng	99
69) Atrazine	16.65	200	1525668	41.886 ng	99
70) Pentachlorophenol	16.82	266	992014	43.745 ng	98
71) Phenanthrene	17.23	178	6667134	39.949 ng	100
72) Anthracene	17.32	178	6702535	40.315 ng	100
73) Carbazole	17.59	167	7064197	40.458 ng	100
74) Di-n-butylphthalate	18.15	149	8294172	41.795 ng	99
75) Fluoranthene	19.24	202	7921132	40.077 ng	99
77) Benzidine	19.43	184	4624460	47.742 ng	100
78) Pyrene	19.60	202	8226726	41.824 ng	99
80) Butylbenzylphthalate	20.51	149	3912402	44.434 ng	98
81) Benzo(a)anthracene	21.36	228	8196172	41.180 ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	3358197	43.917 ng	100
83) Chrysene	21.41	228	7751639	40.369 ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	5810630	43.821 ng	99
85) Di-n-octyl phthalate	22.18	149	9909922	45.214 ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	8331897	35.054 ng	99
88) Benzo(b)fluoranthene	22.97	252	8287620	43.178 ng	100
89) Benzo(k)fluoranthene	23.02	252	7832746	40.801 ng	99
90) Benzo(a)pyrene	23.57	252	7728015	41.912 ng	99
91) Dibenzo(a,h)anthracene	26.02	278	7042890	36.678 ng	99
92) Benzo(g,h,i)perylene	26.73	276	6581891	35.799 ng	99

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

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