Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019068.D
Acq On : 06 Mar 2019 12:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/6/2019 5:26:26 PM

Quant Time: Mar 06 16:07:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338570	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1359779	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	771592	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1719211	20.00	ng	0.00
76) Chrysene-d12	21.29	240	1785428	20.00	ng	0.00
87) Perylene-d12	23.53	264	1544086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1892027	91.56	ng	0.00
7) Phenol-d6	6.86	99	2555435	87.79	ng	0.00
23) Nitrobenzene-d5	8.85	82	2533896	86.16	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	982984	88.38	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	4960625	85.34	ng	0.00
79) Terphenyl-d14	19.72	244	7929882	91.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	396516	44.057	ng	99
3) Pyridine	3.63	79	1173920	47.819	ng	98
4) n-Nitrosodimethylamine	3.55	42	312968	50.113	ng	94
6) Aniline	7.02	93	1525937	42.783	ng	99
8) 2-Chlorophenol	7.25	128	1026783	45.259	ng	99
9) Benzaldehyde	6.83	77	701693	45.826	ng	97
10) Phenol	6.89	94	1356889	44.300	ng	97
11) bis(2-Chloroethyl)ether	7.12	93	1014638	43.426	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1123841	44.054	ng	98
13) 1,4-Dichlorobenzene	7.71	146	1147209	44.173	ng	99
14) 1,2-Dichlorobenzene	8.02	146	1097669	44.001	ng	100
15) Benzyl Alcohol	7.93	79	1001548	43.300	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	974427	43.090	ng	97
17) 2-Methylphenol	8.12	107	848133	43.506	ng	97
18) Hexachloroethane	8.73	117	424496	44.776	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	929384	41.234	ng	98
20) 3+4-Methylphenols	8.45	107	1149073	42.685	ng	99
22) Acetophenone	8.51	105	1592827	42.655	ng	99
24) Nitrobenzene	8.89	77	1295523	42.441	ng	99
25) Isophorone	9.40	82	2110062	44.968	ng	100
26) 2-Nitrophenol	9.59	139	566135	46.571	ng	99
27) 2,4-Dimethylphenol	9.65	122	785413	44.236	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1304296	42.985	ng	99
29) 2,4-Dichlorophenol	10.12	162	916532	44.957	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	1023249	43.461	ng	98
31) Naphthalene	10.51	128	2908398	43.856	ng	100
32) Benzoic acid	9.83	122	705712m	45.565	ng	
33) 4-Chloroaniline	10.64	127	1242998	41.929	ng	98
34) Hexachlorobutadiene	10.77	225	586593	42.924	ng	99
35) Caprolactam	11.47	113	337014m	40.505	ng	
36) 4-Chloro-3-methylphenol	11.77	107	1048668	42.663	ng	98
37) 2-Methylnaphthalene	12.13	142	2017704	43.213	ng	99
38) 1-Methylnaphthalene	12.35	142	1959625	42.919	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1053555	42.684	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	419233	33.221 ng	98
43) 2,4,6-Trichlorophenol	12.75	196	705552	43.180 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	743487	43.412 ng	99
46) 1,1'-Biphenyl	13.16	154	2813722	42.364 ng	100
47) 2-Chloronaphthalene	13.20	162	2160542	42.116 ng	100
48) 2-Nitroaniline	13.43	65	752694	44.178 ng	97
49) Acenaphthylene	14.05	152	3346789	43.814 ng	99
50) Dimethylphthalate	13.80	163	2671320	41.542 ng	99
51) 2,6-Dinitrotoluene	13.93	165	601182	43.158 ng	97
52) Acenaphthene	14.39	154	1968046	42.018 ng	100
53) 3-Nitroaniline	14.26	138	637122	40.480 ng	100
54) 2,4-Dinitrophenol	14.47	184	312772	38.599 ng	96
55) Dibenzofuran	14.73	168	3208938	41.682 ng	98
56) 4-Nitrophenol	14.57	139	511925	40.745 ng	98
57) 2,4-Dinitrotoluene	14.72	165	851446	44.363 ng	96
58) Fluorene	15.38	166	2564502	43.543 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	631915	41.743 ng	98
60) Diethylphthalate	15.16	149	2756577	41.557 ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1349694	40.873 ng	96
62) 4-Nitroaniline	15.44	138	649053	42.064 ng	97
63) Azobenzene	15.67	77	2967122	41.718 ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	478636	39.653 ng	98
66) n-Nitrosodiphenylamine	15.60	169	2304964	42.436 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	811569	42.173 ng	99
68) Hexachlorobenzene	16.38	284	948374	42.399 ng	95
69) Atrazine	16.56	200	728950	41.628 ng	100
70) Pentachlorophenol	16.73	266	593797	41.230 ng	99
71) Phenanthrene	17.13	178	3937719	42.619 ng	100
72) Anthracene	17.22	178	3935588	43.763 ng	100
73) Carbazole	17.50	167	3993361	42.503 ng	99
74) Di-n-butylphthalate	18.05	149	4912718	45.465 ng	100
75) Fluoranthene	19.15	202	4579671	42.911 ng	98
77) Benzidine	19.35	184	2305243	57.330 ng	100
78) Pyrene	19.52	202	4736197	45.674 ng	99
80) Butylbenzylphthalate	20.42	149	2385110	50.470 ng	97
81) Benzo(a)anthracene	21.27	228	4472768	42.976 ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	1843656	44.822 ng	99
83) Chrysene	21.32	228	4230108	42.405 ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	3588192	51.877 ng	100
85) Di-n-octyl phthalate	22.07	149	5849455	50.317 ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	4270158	37.076 ng	100
88) Benzo(b)fluoranthene	22.86	252	3930321	44.489 ng	100
89) Benzo(k)fluoranthene	22.90	252	3927798	44.659 ng	99
90) Benzo(a)pyrene	23.43	252	3617220	43.222 ng	99
91) Dibenzo(a,h)anthracene	25.82	278	3628251	43.759 ng	99
92) Benzo(g,h,i)perylene	26.51	276	3401449	44.065 ng	99

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

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