Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062419\
Data File : BM021142.D
Acq On : 24 Jun 2019 10:41
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/28/2019 8:25:49 AM

Quant Time: Jun 25 04:38:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	222171	20.00	ng		-0.01
21) Naphthalene-d8	10.56	136	975553	20.00	ng		-0.01
39) Acenaphthene-d10	14.41	164	641112	20.00	ng		-0.01
64) Phenanthrene-d10	17.16	188	1570301	20.00	ng		0.00
76) Chrysene-d12	21.34	240	1512300	20.00	ng		0.00
87) Perylene-d12	23.62	264	1368542	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1011856	82.47	ng		0.00
7) Phenol-d6	6.95	99	1452074	81.27	ng		0.00
23) Nitrobenzene-d5	8.93	82	1510294	80.68	ng		-0.01
42) 2,4,6-Tribromophenol	15.91	330	1005709	83.60	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	4286314	82.17	ng		-0.01
79) Terphenyl-d14	19.79	244	6717636	82.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	192893	41.728	ng		99
3) Pyridine	3.71	79	587978	44.232	ng		100
4) n-Nitrosodimethylamine	3.63	42	208264	40.689	ng		95
6) Aniline	7.11	93	965977	40.591	ng		99
8) 2-Chlorophenol	7.34	128	618620	40.966	ng		100
9) Benzaldehyde	6.93	77	391905	44.126	ng		99
10) Phenol	6.97	94	743529	40.732	ng		99
11) bis(2-Chloroethyl)ether	7.20	93	579389	40.091	ng		99
12) 1,3-Dichlorobenzene	7.66	146	759529	41.516	ng		99
13) 1,4-Dichlorobenzene	7.80	146	767833	41.280	ng		100
14) 1,2-Dichlorobenzene	8.12	146	749590	41.122	ng		99
15) Benzyl Alcohol	8.02	79	575327	39.767	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	740854	39.632	ng		100
17) 2-Methylphenol	8.21	107	530110	40.656	ng		99
18) Hexachloroethane	8.84	117	273199	40.908	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	517101	39.769	ng		99
20) 3+4-Methylphenols	8.54	107	729128	40.625	ng		99
22) Acetophenone	8.60	105	1004637	40.412	ng	#	99
24) Nitrobenzene	8.98	77	759778	40.975	ng		99
25) Isophorone	9.50	82	1408583	40.217	ng		100
26) 2-Nitrophenol	9.68	139	361785	39.847	ng		98
27) 2,4-Dimethylphenol	9.74	122	537737	40.607	ng		99
28) bis(2-Chloroethoxy)methane	9.98	93	881752	40.515	ng		100
29) 2,4-Dichlorophenol	10.21	162	700000	40.844	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	825135	40.842	ng		99
31) Naphthalene	10.61	128	2109169	40.854	ng		100
32) Benzoic acid	9.89	122	455247m	42.495	ng		
33) 4-Chloroaniline	10.73	127	954503	40.727	ng		99
34) Hexachlorobutadiene	10.88	225	529615	41.518	ng		98
35) Caprolactam	11.54	113	215392	40.180	ng		98
36) 4-Chloro-3-methylphenol	11.85	107	718337	41.189	ng		99
37) 2-Methylnaphthalene	12.22	142	1624339	40.891	ng		99
38) 1-Methylnaphthalene	12.44	142	1552884	40.986	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	988831	40.749	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	548833	39.015	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	658042	40.981	ng	99
44) 2,4,5-Trichlorophenol	12.91	196	684774	41.181	ng	98
46) 1,1'-Biphenyl	13.24	154	2241994	40.859	ng	100
47) 2-Chloronaphthalene	13.29	162	1830238	41.068	ng	99
48) 2-Nitroaniline	13.50	65	504436	41.375	ng	99
49) Acenaphthylene	14.13	152	2799991	41.286	ng	99
50) Dimethylphthalate	13.88	163	2332050	40.912	ng	99
51) 2,6-Dinitrotoluene	14.00	165	505345	41.210	ng	98
52) Acenaphthene	14.48	154	1673033	40.887	ng	99
53) 3-Nitroaniline	14.33	138	523276	41.857	ng	97
54) 2,4-Dinitrophenol	14.54	184	261285	39.666	ng	97
55) Dibenzofuran	14.81	168	2757821	41.315	ng	99
56) 4-Nitrophenol	14.64	139	377213	39.458	ng	99
57) 2,4-Dinitrotoluene	14.79	165	715084	42.231	ng	98
58) Fluorene	15.46	166	2255741	41.359	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	656698	41.334	ng	100
60) Diethylphthalate	15.24	149	2325002	41.414	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	1275078	41.383	ng	99
62) 4-Nitroaniline	15.50	138	556151	42.386	ng	100
63) Azobenzene	15.75	77	1913986	41.563	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	373464	38.572	ng	96
66) n-Nitrosodiphenylamine	15.67	169	1976860	39.940	ng	99
67) 4-Bromophenyl-phenylether	16.35	248	831167	39.761	ng	96
68) Hexachlorobenzene	16.46	284	1013613	40.588	ng	99
69) Atrazine	16.63	200	688270	42.763	ng	100
70) Pentachlorophenol	16.81	266	546152	40.590	ng	99
71) Phenanthrene	17.20	178	3736617	41.289	ng	100
72) Anthracene	17.29	178	3705323	41.333	ng	99
73) Carbazole	17.57	167	3281727	41.403	ng	99
74) Di-n-butylphthalate	18.13	149	4023891	41.469	ng	100
75) Fluoranthene	19.22	202	4494656	43.008	ng	100
77) Benzidine	19.42	184	1941163	44.203	ng	99
78) Pyrene	19.59	202	4603672	41.974	ng	99
80) Butylbenzylphthalate	20.49	149	1821510	41.667	ng	97
81) Benzo(a)anthracene	21.33	228	4334206	42.043	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	1581406	40.500	ng	100
83) Chrysene	21.39	228	4138632	42.142	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	2625456	42.197	ng	100
85) Di-n-octyl phthalate	22.14	149	4144159	42.352	ng	99
86) Indeno(1,2,3-cd)pyrene	25.92	276	3892353	35.819	ng	100
88) Benzo(b)fluoranthene	22.94	252	3827270	41.454	ng	100
89) Benzo(k)fluoranthene	22.98	252	3878658	43.460	ng	99
90) Benzo(a)pyrene	23.52	252	3404189	40.863	ng	100
91) Dibenzo(a,h)anthracene	25.93	278	3238400	38.990	ng	100
92) Benzo(g,h,i)perylene	26.62	276	3009695	38.858	ng	100

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

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