Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
Data File : BM019021.D
Acq On : 04 Mar 2019 22:05
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/5/2019 5:23:55 PM

Quant Time: Mar 05 04:20:30 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	7.68	152	355701	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	1543566	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	907897	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1945229	20.00	ng		0.00
76) Chrysene-d12	21.29	240	1548463	20.00	ng		0.00
87) Perylene-d12	23.53	264	1363155	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1659786	76.46	ng		0.00
7) Phenol-d6	6.86	99	2481780	81.15	ng		0.00
23) Nitrobenzene-d5	8.85	82	2602593	77.96	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	1048299	80.10	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	5326565	77.88	ng		0.00
79) Terphenyl-d14	19.72	244	7497328	99.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	329473	34.845	ng		99
3) Pyridine	3.63	79	1021635	39.611	ng		99
4) n-Nitrosodimethylamine	3.55	42	264176	40.263	ng		96
6) Aniline	7.03	93	1487834	39.705	ng		99
8) 2-Chlorophenol	7.25	128	948840	39.809	ng		98
9) Benzaldehyde	6.84	77	647354	38.296	ng		99
10) Phenol	6.89	94	1288278	40.034	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	984611	40.111	ng		99
12) 1,3-Dichlorobenzene	7.56	146	1036016	38.656	ng		99
13) 1,4-Dichlorobenzene	7.72	146	1060549	38.870	ng		99
14) 1,2-Dichlorobenzene	8.03	146	1023623	39.057	ng		99
15) Benzyl Alcohol	7.93	79	1005133	41.362	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	975521	41.061	ng		98
17) 2-Methylphenol	8.12	107	829975	40.524	ng		98
18) Hexachloroethane	8.74	117	391750	39.332	ng		98
19) n-Nitroso-di-n-propylamine	8.49	70	970929	41.003	ng		100
20) 3+4-Methylphenols	8.46	107	1161297	41.062	ng		99
22) Acetophenone	8.51	105	1620029	38.218	ng	#	99
24) Nitrobenzene	8.89	77	1306689	37.710	ng		98
25) Isophorone	9.41	82	2094958	39.331	ng		99
26) 2-Nitrophenol	9.59	139	578538	41.925	ng		98
27) 2,4-Dimethylphenol	9.65	122	799255	39.656	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	1336356	38.797	ng		100
29) 2,4-Dichlorophenol	10.12	162	932812	40.307	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	1032966	38.650	ng		98
31) Naphthalene	10.52	128	2883000	38.296	ng		99
32) Benzoic acid	9.84	122	683342m	38.868	ng		
33) 4-Chloroaniline	10.65	127	1307428	38.852	ng		98
34) Hexachlorobutadiene	10.78	225	589407	37.994	ng		99
35) Caprolactam	11.47	113	364085m	38.549	ng		
36) 4-Chloro-3-methylphenol	11.77	107	1099837	39.418	ng		98
37) 2-Methylnaphthalene	12.13	142	2069504	39.045	ng		99
38) 1-Methylnaphthalene	12.36	142	1997466	38.539	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1114814	38.385	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	482047	32.464	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	766974	39.892	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	796491	39.525	ng	98
46) 1,1'-Biphenyl	13.16	154	3000048	38.388	ng	100
47) 2-Chloronaphthalene	13.20	162	2311011	38.286	ng	100
48) 2-Nitroaniline	13.43	65	793852	39.599	ng	97
49) Acenaphthylene	14.06	152	3447064	38.352	ng	99
50) Dimethylphthalate	13.80	163	2797707	36.975	ng	99
51) 2,6-Dinitrotoluene	13.93	165	635884	38.796	ng	95
52) Acenaphthene	14.40	154	2093957	37.994	ng	100
53) 3-Nitroaniline	14.27	138	679587	36.696	ng	99
54) 2,4-Dinitrophenol	14.47	184	316769	34.026	ng	98
55) Dibenzofuran	14.73	168	3390718	37.431	ng	99
56) 4-Nitrophenol	14.57	139	541403	36.622	ng	98
57) 2,4-Dinitrotoluene	14.72	165	881577	39.037	ng	98
58) Fluorene	15.39	166	2656218	38.329	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	659341	37.016	ng	99
60) Diethylphthalate	15.17	149	2893598	37.073	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1465919	37.728	ng	99
62) 4-Nitroaniline	15.44	138	651561	35.887	ng	96
63) Azobenzene	15.67	77	3163511	37.802	ng	100
65) 4,6-Dinitro-2-methylphenol	15.49	198	502731	36.810	ng	95
66) n-Nitrosodiphenylamine	15.60	169	2456670	39.973	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	870488	39.979	ng	99
68) Hexachlorobenzene	16.38	284	995143	39.321	ng	97
69) Atrazine	16.56	200	634348	32.016	ng	99
70) Pentachlorophenol	16.73	266	618141	37.933	ng	100
71) Phenanthrene	17.13	178	3946793	37.754	ng	100
72) Anthracene	17.22	178	3934621	38.669	ng	100
73) Carbazole	17.50	167	3946715	37.126	ng	99
74) Di-n-butylphthalate	18.05	149	4901297	40.089	ng	100
75) Fluoranthene	19.15	202	4171809	34.547	ng	98
77) Benzidine	19.35	184	1858544	53.294	ng	100
78) Pyrene	19.52	202	4258595	47.353	ng	100
80) Butylbenzylphthalate	20.42	149	2084466	50.858	ng	99
81) Benzo(a)anthracene	21.27	228	3458649	38.317	ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	1385175	38.830	ng	100
83) Chrysene	21.32	228	3262270	37.707	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2974185	49.580	ng	99
85) Di-n-octyl phthalate	22.07	149	4393658	43.578	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3413143	34.170	ng	100
88) Benzo(b)fluoranthene	22.85	252	2984378	38.266	ng	100
89) Benzo(k)fluoranthene	22.90	252	2999946	38.637	ng	100
90) Benzo(a)pyrene	23.43	252	2802651	37.934	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2905208	39.689	ng	100
92) Benzo(g,h,i)perylene	26.51	276	2755173	40.430	ng	100

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

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