Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120218\
Data File : BM017852.D
Acq On : 01 Dec 2018 12:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/3/2018 4:58:25 PM

Quant Time: Dec 03 00:24:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	236222	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	1024378	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	575117	20.00	ng		-0.03
64) Phenanthrene-d10	16.99	188	1148876	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	900127	20.00	ng		-0.02
87) Perylene-d12	23.37	264	854300	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1147352	81.97	ng		-0.03
7) Phenol-d6	6.77	99	1603643	82.03	ng		-0.03
23) Nitrobenzene-d5	8.74	82	1690060	85.17	ng		-0.04
42) 2,4,6-Tribromophenol	15.73	330	692863	83.84	ng		-0.03
45) 2-Fluorobiphenyl	12.85	172	3945613	89.00	ng		-0.03
79) Terphenyl-d14	19.63	244	3890564	97.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	217967	37.390	ng		91
3) Pyridine	3.59	79	665452	38.916	ng		88
4) n-Nitrosodimethylamine	3.51	42	264019	35.051	ng		90
6) Aniline	6.93	93	986371	40.687	ng		98
8) 2-Chlorophenol	7.16	128	705214	42.099	ng		94
9) Benzaldehyde	6.75	77	485724	34.108	ng		97
10) Phenol	6.80	94	837453	40.813	ng		98
11) bis(2-Chloroethyl)ether	7.03	93	673669	41.589	ng		96
12) 1,3-Dichlorobenzene	7.47	146	794259	42.261	ng		99
13) 1,4-Dichlorobenzene	7.62	146	813440	42.226	ng		99
14) 1,2-Dichlorobenzene	7.93	146	793633	42.488	ng		99
15) Benzyl Alcohol	7.83	79	649893	41.744	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	794749	32.225	ng		90
17) 2-Methylphenol	8.03	107	576521	41.708	ng		99
18) Hexachloroethane	8.64	117	303313	44.674	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	585411	41.706	ng		92
20) 3+4-Methylphenols	8.36	107	807194	42.029	ng		98
22) Acetophenone	8.40	105	1096768	42.898	ng	#	95
24) Nitrobenzene	8.78	77	842237	41.836	ng		99
25) Isophorone	9.30	82	1355110	44.216	ng		100
26) 2-Nitrophenol	9.48	139	412850	44.521	ng		99
27) 2,4-Dimethylphenol	9.55	122	575818	43.086	ng		98
28) bis(2-Chloroethoxy)methane	9.79	93	895855	43.159	ng		96
29) 2,4-Dichlorophenol	10.01	162	684637	44.131	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	787651	43.653	ng		97
31) Naphthalene	10.40	128	2151677	42.721	ng		100
32) Benzoic acid	9.73	122	517939m	42.783	ng		
33) 4-Chloroaniline	10.53	127	930620	42.191	ng		99
34) Hexachlorobutadiene	10.67	225	496374	44.313	ng		99
35) Caprolactam	11.34	113	234553m	41.055	ng		
36) 4-Chloro-3-methylphenol	11.66	107	752344	42.003	ng		100
37) 2-Methylnaphthalene	12.02	142	1511420	42.460	ng		99
38) 1-Methylnaphthalene	12.25	142	1472651	42.193	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	916424	45.188	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	474157	45.246	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	576015	45.345	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	590288	44.010	ng	98
46) 1,1'-Biphenyl	13.06	154	2270078	43.974	ng	99
47) 2-Chloronaphthalene	13.10	162	1687282	44.035	ng	98
48) 2-Nitroaniline	13.32	65	508315	42.897	ng	96
49) Acenaphthylene	13.95	152	2501813	43.457	ng	99
50) Dimethylphthalate	13.70	163	2006823	42.918	ng	100
51) 2,6-Dinitrotoluene	13.83	165	456296	43.824	ng	97
52) Acenaphthene	14.30	154	1513466	42.837	ng	100
53) 3-Nitroaniline	14.16	138	469883	41.450	ng	99
54) 2,4-Dinitrophenol	14.37	184	237465	41.153	ng	99
55) Dibenzofuran	14.63	168	2429478	42.078	ng	99
56) 4-Nitrophenol	14.47	139	353838	39.789	ng	98
57) 2,4-Dinitrotoluene	14.62	165	613321	43.698	ng	98
58) Fluorene	15.29	166	1840352	41.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	523602	42.443	ng	99
60) Diethylphthalate	15.07	149	2112593	41.815	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	1058624	42.155	ng	98
62) 4-Nitroaniline	15.33	138	427005	39.968	ng	98
63) Azobenzene	15.58	77	2013080	43.102	ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	376254	47.275	ng	96
66) n-Nitrosodiphenylamine	15.51	169	1745597	47.258	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	630848	46.428	ng	96
68) Hexachlorobenzene	16.29	284	679975	44.391	ng	95
69) Atrazine	16.47	200	596031	43.872	ng	97
70) Pentachlorophenol	16.64	266	472679	44.041	ng	99
71) Phenanthrene	17.03	178	2674746	42.905	ng	100
72) Anthracene	17.12	178	2651936	43.716	ng	100
73) Carbazole	17.40	167	2605353	42.502	ng	99
74) Di-n-butylphthalate	17.97	149	3203817	46.951	ng	99
75) Fluoranthene	19.06	202	2628012	37.258	ng	99
77) Benzidine	19.26	184	1295011	44.181	ng	99
78) Pyrene	19.42	202	2684321	48.332	ng	99
80) Butylbenzylphthalate	20.33	149	1148590	50.918	ng	97
81) Benzo(a)anthracene	21.17	228	2247081	43.332	ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	907047	45.320	ng	99
83) Chrysene	21.23	228	2150003	42.686	ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	1605303	48.139	ng	99
85) Di-n-octyl phthalate	21.98	149	2422174	45.361	ng	97
86) Indeno(1,2,3-cd)pyrene	25.54	276	2380705	59.149	ng	100
88) Benzo(b)fluoranthene	22.72	252	2109815	42.171	ng	99
89) Benzo(k)fluoranthene	22.76	252	2037967	40.302	ng	99
90) Benzo(a)pyrene	23.27	252	1994401	43.720	ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2054615	53.574	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1993909	55.288	ng	99

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

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