Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120418\
Data File : BM017881.D
Acq On : 03 Dec 2018 19:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/4/2018 10:26:48 AM

Quant Time: Dec 04 07:17:46 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	202794	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	909802	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	534365	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	1188862	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	1119540	20.00	ng	-0.02
87) Perylene-d12	23.37	264	933335	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	963092	80.15	ng	-0.03
7) Phenol-d6	6.77	99	1358115	80.92	ng	-0.04
23) Nitrobenzene-d5	8.74	82	1385397	78.61	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	667914	86.99	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	3450295	83.77	ng	-0.04
79) Terphenyl-d14	19.63	244	4498289	91.06	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	180557	36.079	ng	# 85
3) Pyridine	3.59	79	551023	37.536	ng	84
4) n-Nitrosodimethylamine	3.51	42	200224	30.963	ng	83
6) Aniline	6.93	93	836438	40.190	ng	96
8) 2-Chlorophenol	7.15	128	596059	41.448	ng	93
9) Benzaldehyde	6.74	77	403298	32.988	ng	96
10) Phenol	6.80	94	704428	39.989	ng	94
11) bis(2-Chloroethyl)ether	7.03	93	557575	40.096	ng	93
12) 1,3-Dichlorobenzene	7.47	146	674275	41.791	ng	96
13) 1,4-Dichlorobenzene	7.62	146	684803	41.408	ng	99
14) 1,2-Dichlorobenzene	7.92	146	657714	41.015	ng	99
15) Benzyl Alcohol	7.83	79	531269	39.750	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	635460	30.013	ng	92
17) 2-Methylphenol	8.03	107	480100	40.457	ng	96
18) Hexachloroethane	8.63	117	244129	41.884	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	482584	40.047	ng	90
20) 3+4-Methylphenols	8.36	107	681366	41.325	ng	97
22) Acetophenone	8.40	105	920587	40.542	ng	94
24) Nitrobenzene	8.78	77	688209	38.490	ng	96
25) Isophorone	9.30	82	1123550	41.277	ng	99
26) 2-Nitrophenol	9.48	139	356074	43.234	ng	96
27) 2,4-Dimethylphenol	9.55	122	495283	41.727	ng	98
28) bis(2-Chloroethoxy)methane	9.78	93	747119	40.527	ng	99
29) 2,4-Dichlorophenol	10.00	162	582930	42.307	ng	99
30) 1,2,4-Trichlorobenzene	10.22	180	669457	41.775	ng	98
31) Naphthalene	10.40	128	1822664	40.746	ng	99
32) Benzoic acid	9.73	122	399111	37.119	ng	96
33) 4-Chloroaniline	10.52	127	816433	41.676	ng	98
34) Hexachlorobutadiene	10.67	225	413306	41.543	ng	99
35) Caprolactam	11.33	113	209304m	41.249	ng	
36) 4-Chloro-3-methylphenol	11.66	107	647900	40.728	ng	97
37) 2-Methylnaphthalene	12.02	142	1310950	41.466	ng	99
38) 1-Methylnaphthalene	12.24	142	1285371	41.465	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	775071	41.133	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	381405	39.171 ng	100
43) 2,4,6-Trichlorophenol	12.65	196	500652	42.418 ng	98
44) 2,4,5-Trichlorophenol	12.72	196	523065	41.972 ng	98
46) 1,1'-Biphenyl	13.05	154	1972807	41.130 ng	100
47) 2-Chloronaphthalene	13.09	162	1471477	41.331 ng	98
48) 2-Nitroaniline	13.32	65	413217	37.531 ng	89
49) Acenaphthylene	13.95	152	2243460	41.942 ng	100
50) Dimethylphthalate	13.70	163	1766527	40.660 ng	99
51) 2,6-Dinitrotoluene	13.83	165	406920	42.062 ng	90
52) Acenaphthene	14.29	154	1383171	42.135 ng	100
53) 3-Nitroaniline	14.16	138	433325	41.140 ng	94
54) 2,4-Dinitrophenol	14.37	184	212610	39.915 ng	96
55) Dibenzofuran	14.63	168	2231409	41.595 ng	98
56) 4-Nitrophenol	14.47	139	336197	40.577 ng	95
57) 2,4-Dinitrotoluene	14.62	165	568233	43.573 ng	100
58) Fluorene	15.29	166	1716372	41.792 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	486904	42.478 ng	99
60) Diethylphthalate	15.07	149	1918243	40.864 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	970909	41.610 ng	99
62) 4-Nitroaniline	15.33	138	419918	42.302 ng	95
63) Azobenzene	15.58	77	1780076	41.020 ng	96
65) 4,6-Dinitro-2-methylphenol	15.39	198	356205	43.250 ng	95
66) n-Nitrosodiphenylamine	15.51	169	1631948	42.695 ng	100
67) 4-Bromophenyl-phenylether	16.18	248	596800	42.445 ng	96
68) Hexachlorobenzene	16.29	284	667306	42.099 ng	97
69) Atrazine	16.47	200	579444	41.216 ng	97
70) Pentachlorophenol	16.64	266	477992	43.038 ng	98
71) Phenanthrene	17.03	178	2671484	41.412 ng	100
72) Anthracene	17.12	178	2661488	42.398 ng	99
73) Carbazole	17.40	167	2654704	41.851 ng	100
74) Di-n-butylphthalate	17.96	149	3189891	45.174 ng	99
75) Fluoranthene	19.05	202	2981676	40.850 ng	99
77) Benzidine	19.26	184	1560207	42.796 ng	99
78) Pyrene	19.42	202	3126404	45.260 ng	99
80) Butylbenzylphthalate	20.33	149	1414982	50.434 ng	100
81) Benzo(a)anthracene	21.17	228	2688267	41.679 ng	100
82) 3,3'-Dichlorobenzidine	21.12	252	1115351	44.806 ng	99
83) Chrysene	21.23	228	2574818	41.102 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2047963	49.377 ng	100
85) Di-n-octyl phthalate	21.98	149	3061744	46.101 ng	95
86) Indeno(1,2,3-cd)pyrene	25.54	276	2347794	46.899 ng	100
88) Benzo(b)fluoranthene	22.72	252	2264262	41.425 ng	99
89) Benzo(k)fluoranthene	22.77	252	2237311	40.497 ng	99
90) Benzo(a)pyrene	23.28	252	2082624	41.788 ng	99
91) Dibenzo(a,h)anthracene	25.56	278	2028429	48.412 ng	99
92) Benzo(g,h,i)perylene	26.21	276	1929524	48.972 ng	100

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

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