Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
Data File : BM017902.D
Acq On : 04 Dec 2018 14:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
12/5/2018 4:49:54 PM

Quant Time: Dec 05 10:28:37 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	239661	20.00	ng		-0.04
21) Naphthalene-d8	10.35	136	995037	20.00	ng		-0.04
39) Acenaphthene-d10	14.23	164	552121	20.00	ng		-0.04
64) Phenanthrene-d10	16.99	188	1211532	20.00	ng		-0.03
76) Chrysene-d12	21.19	240	1279069	20.00	ng		-0.02
87) Perylene-d12	23.37	264	1147624	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1211171	85.29	ng		-0.03
7) Phenol-d6	6.77	99	1631839	82.28	ng		-0.04
23) Nitrobenzene-d5	8.74	82	1557369	80.80	ng		-0.04
42) 2,4,6-Tribromophenol	15.73	330	694071	87.49	ng		-0.03
45) 2-Fluorobiphenyl	12.84	172	3608624	84.79	ng		-0.04
79) Terphenyl-d14	19.63	244	4752481	84.21	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	230910	39.042	ng	#	87
3) Pyridine	3.59	79	651950	37.580	ng		85
4) n-Nitrosodimethylamine	3.51	42	244398m	31.981	ng		
6) Aniline	6.93	93	996106	40.499	ng		95
8) 2-Chlorophenol	7.15	128	717955	42.244	ng		92
9) Benzaldehyde	6.74	77	462114m	31.984	ng		
10) Phenol	6.80	94	849752	40.818	ng		95
11) bis(2-Chloroethyl)ether	7.02	93	660947	40.218	ng		94
12) 1,3-Dichlorobenzene	7.47	146	802421	42.083	ng		96
13) 1,4-Dichlorobenzene	7.62	146	820327	41.973	ng		97
14) 1,2-Dichlorobenzene	7.92	146	786604	41.507	ng		98
15) Benzyl Alcohol	7.83	79	620711	39.298	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.11	45	745089m	29.778	ng		
17) 2-Methylphenol	8.03	107	568981	40.571	ng		98
18) Hexachloroethane	8.63	117	292118	42.408	ng		100
19) n-Nitroso-di-n-propylamine	8.39	70	544304	38.221	ng		88
20) 3+4-Methylphenols	8.36	107	785679	40.322	ng		97
22) Acetophenone	8.40	105	1050282	42.292	ng	#	94
24) Nitrobenzene	8.78	77	764770	39.108	ng		94
25) Isophorone	9.30	82	1238077	41.589	ng		96
26) 2-Nitrophenol	9.47	139	403842	44.834	ng		94
27) 2,4-Dimethylphenol	9.55	122	562790	43.353	ng		96
28) bis(2-Chloroethoxy)methane	9.78	93	829356	41.134	ng		97
29) 2,4-Dichlorophenol	10.00	162	654395	43.425	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	730319	41.669	ng		97
31) Naphthalene	10.40	128	2035490	41.606	ng		99
32) Benzoic acid	9.73	122	479966	40.815	ng		97
33) 4-Chloroaniline	10.52	127	905911	42.282	ng		96
34) Hexachlorobutadiene	10.67	225	462010	42.461	ng		99
35) Caprolactam	11.34	113	200709	36.167	ng	#	77
36) 4-Chloro-3-methylphenol	11.66	107	710544	40.839	ng		100
37) 2-Methylnaphthalene	12.02	142	1421571	41.113	ng		97
38) 1-Methylnaphthalene	12.24	142	1379878	40.701	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	836222	42.951	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	466646	46.384	ng		99
43) 2,4,6-Trichlorophenol	12.65	196	538366	44.147	ng		99
44) 2,4,5-Trichlorophenol	12.72	196	565905	43.949	ng		99
46) 1,1'-Biphenyl	13.05	154	2112059	42.617	ng		99
47) 2-Chloronaphthalene	13.09	162	1556429	42.311	ng		98
48) 2-Nitroaniline	13.32	65	452751	39.799	ng		89
49) Acenaphthylene	13.95	152	2346848	42.463	ng		99
50) Dimethylphthalate	13.70	163	1876355	41.799	ng		100
51) 2,6-Dinitrotoluene	13.82	165	429449	42.963	ng		95
52) Acenaphthene	14.29	154	1425834	42.038	ng		99
53) 3-Nitroaniline	14.16	138	463584	42.598	ng		93
54) 2,4-Dinitrophenol	14.37	184	254860	45.167	ng		94
55) Dibenzofuran	14.63	168	2297402	41.448	ng		97
56) 4-Nitrophenol	14.47	139	362159	42.094	ng		89
57) 2,4-Dinitrotoluene	14.62	165	597826	44.368	ng		97
58) Fluorene	15.29	166	1752251	41.294	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	512707	43.291	ng		97
60) Diethylphthalate	15.07	149	1991925	41.069	ng		100
61) 4-Chlorophenyl-phenylether	15.29	204	991275	41.117	ng		98
62) 4-Nitroaniline	15.33	138	449322	43.808	ng		95
63) Azobenzene	15.58	77	1783295	39.773	ng		94
65) 4,6-Dinitro-2-methylphenol	15.39	198	387514	46.172	ng		94
66) n-Nitrosodiphenylamine	15.50	169	1689331	43.369	ng		100
67) 4-Bromophenyl-phenylether	16.18	248	617913	43.124	ng		96
68) Hexachlorobenzene	16.29	284	677956	41.971	ng		98
69) Atrazine	16.47	200	599124	41.819	ng		96
70) Pentachlorophenol	16.64	266	506963	44.792	ng		99
71) Phenanthrene	17.03	178	2762734	42.025	ng		99
72) Anthracene	17.12	178	2734924	42.752	ng		99
73) Carbazole	17.40	167	2815019	43.548	ng		100
74) Di-n-butylphthalate	17.96	149	3353186	46.598	ng		99
75) Fluoranthene	19.05	202	3147221	42.311	ng		99
77) Benzidine	19.25	184	1546374	37.126	ng		100
78) Pyrene	19.42	202	3305200	41.880	ng		100
80) Butylbenzylphthalate	20.33	149	1490855	46.511	ng		98
81) Benzo(a)anthracene	21.17	228	3062127	41.555	ng		100
82) 3,3'-Dichlorobenzidine	21.12	252	1248273	43.891	ng		99
83) Chrysene	21.23	228	2938260	41.053	ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2171488	45.825	ng		99
85) Di-n-octyl phthalate	21.98	149	3438832	45.321	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.54	276	2664703	46.591	ng		100
88) Benzo(b)fluoranthene	22.73	252	2716416	40.418	ng		99
89) Benzo(k)fluoranthene	22.77	252	2731501	40.211	ng		99
90) Benzo(a)pyrene	23.28	252	2563035	41.825	ng		100
91) Dibenzo(a,h)anthracene	25.56	278	2310409	44.846	ng		99
92) Benzo(g,h,i)perylene	26.20	276	2182619	45.052	ng		100

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

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