Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014500.D
Acq On : 06 Mar 2018 16:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/8/2018 4:49:41 PM

Quant Time: Mar 07 14:10:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	104908	20.00	ng		-0.04
21) Naphthalene-d8	10.27	136	466286	20.00	ng		-0.04
38) Acenaphthene-d10	14.17	164	305577	20.00	ng		-0.03
63) Phenanthrene-d10	16.93	188	724055	20.00	ng		-0.02
75) Chrysene-d12	21.16	240	684486	20.00	ng		-0.01
86) Perylene-d12	23.34	264	561692	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	532273	88.43	ng		-0.02
7) Phenol-d6	6.72	99	749468	87.92	ng		-0.02
23) Nitrobenzene-d5	8.67	82	904313	86.63	ng		-0.04
41) 2,4,6-Tribromophenol	15.69	330	332356	76.65	ng		-0.02
44) 2-Fluorobiphenyl	12.77	172	2007149	81.99	ng		-0.04
78) Terphenyl-d14	19.59	244	2941973	83.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	94739	38.304	ng	#	100
3) Pyridine	3.50	79	286952	41.897	ng	#	90
4) n-Nitrosodimethylamine	3.43	42	163933	37.574	ng	#	52
6) Aniline	6.86	93	474000	43.617	ng		95
8) 2-Chlorophenol	7.08	128	286619	41.897	ng		93
9) Benzaldehyde	6.67	77	250114	40.770	ng		88
10) Phenol	6.74	94	370796	44.062	ng		94
11) bis(2-Chloroethyl)ether	6.95	93	281815	42.364	ng		91
12) 1,3-Dichlorobenzene	7.39	146	345260	40.378	ng	#	87
13) 1,4-Dichlorobenzene	7.54	146	346711	40.361	ng	#	94
14) 1,2-Dichlorobenzene	7.85	146	336991	38.982	ng	#	92
15) Benzyl Alcohol	7.77	79	362076	45.840	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.04	45	278075	41.097	ng		80
17) 2-Methylphenol	7.97	107	268535	41.693	ng	#	86
18) Hexachloroethane	8.55	117	143082	38.535	ng		92
19) n-Nitroso-di-n-propylamine	8.32	70	304060	41.406	ng		94
20) 3+4-Methylphenols	8.30	107	379792	40.716	ng		84
22) Acetophenone	8.34	105	557842	41.607	ng	#	91
24) Nitrobenzene	8.72	77	449587	41.829	ng	#	94
25) Isophorone	9.23	82	738958	42.730	ng	#	92
26) 2-Nitrophenol	9.42	139	171404	42.275	ng	#	49
27) 2,4-Dimethylphenol	9.49	122	252900	40.924	ng	#	76
28) bis(2-Chloroethoxy)methane	9.71	93	377898	42.610	ng		98
29) 2,4-Dichlorophenol	9.96	162	281489	40.765	ng		96
30) 1,2,4-Trichlorobenzene	10.15	180	356932	39.210	ng		96
31) Naphthalene	10.33	128	1043703	40.879	ng		97
32) Benzoic acid	9.71	122	218795	42.023	ng	#	70
33) 4-Chloroaniline	10.47	127	421527	39.718	ng	#	84
34) Hexachlorobutadiene	10.59	225	239165	38.301	ng		99
35) Caprolactam	11.29	113	99792m	40.411	ng		
36) 4-Chloro-3-methylphenol	11.62	107	359231	41.990	ng	#	84
37) 2-Methylnaphthalene	11.95	142	765057	39.789	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	436241	40.743	ng	#	100
40) Hexachlorocyclopentadiene	12.29	237	195108	34.866	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.60	196	258386	41.078	ng		99
43) 2,4,5-Trichlorophenol	12.69	196	286840	41.304	ng	#	86
45) 1,1'-Biphenyl	12.99	154	1105399	41.760	ng		98
46) 2-Chloronaphthalene	13.03	162	835863	41.599	ng	#	90
47) 2-Nitroaniline	13.27	65	315460	42.664	ng	#	75
48) Acenaphthylene	13.89	152	1364606	41.417	ng		99
49) Dimethylphthalate	13.65	163	1124592	41.109	ng		99
50) 2,6-Dinitrotoluene	13.78	165	240194	42.790	ng	#	67
51) Acenaphthene	14.23	154	805958	39.683	ng		99
52) 3-Nitroaniline	14.12	138	238851	41.136	ng	#	58
53) 2,4-Dinitrophenol	14.36	184	112941	39.627	ng	#	82
54) Dibenzofuran	14.57	168	1239960	39.072	ng	#	88
55) 4-Nitrophenol	14.47	139	176341m	41.345	ng		
56) 2,4-Dinitrotoluene	14.59	165	338683	39.096	ng		96
57) Fluorene	15.23	166	1089296	39.016	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.82	232	242116	35.387	ng	#	100
59) Diethylphthalate	15.02	149	1222518	40.260	ng		96
60) 4-Chlorophenyl-phenylether	15.23	204	566220	39.015	ng		91
61) 4-Nitroaniline	15.30	138	231823	39.901	ng	#	3
62) Azobenzene	15.52	77	1254369	39.775	ng		80
64) 4,6-Dinitro-2-methylphenol	15.37	198	183652	38.304	ng		91
65) n-Nitrosodiphenylamine	15.45	169	937480	41.013	ng		98
66) 4-Bromophenyl-phenylether	16.13	248	329297	38.803	ng	#	87
67) Hexachlorobenzene	16.24	284	352460	37.829	ng	#	74
68) Atrazine	16.42	200	321353	37.483	ng		99
69) Pentachlorophenol	16.60	266	224306	38.479	ng		94
70) Phenanthrene	16.97	178	1683303	38.539	ng		98
71) Anthracene	17.07	178	1688203	39.667	ng		99
72) Carbazole	17.36	167	1537424	38.431	ng		99
73) Di-n-butylphthalate	17.91	149	2054751	40.135	ng	#	96
74) Fluoranthene	19.01	202	1986431	38.630	ng		99
76) Benzidine	19.22	184	680920	33.403	ng		99
77) Pyrene	19.37	202	1993447	41.921	ng		99
79) Butylbenzylphthalate	20.29	149	923748	43.135	ng	#	80
80) Benzo(a)anthracene	21.14	228	1783968	40.110	ng		99
81) 3,3'-Dichlorobenzidine	21.08	252	625837	37.648	ng		99
82) Chrysene	21.19	228	1679210	38.921	ng		100
83) Bis(2-ethylhexyl)phthalate	21.06	149	1277031	40.882	ng		94
84) Di-n-octyl phthalate	21.93	149	1847243	42.717	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.52	276	1419778	41.856	ng		98
87) Benzo(b)fluoranthene	22.69	252	1472911	37.791	ng	#	91
88) Benzo(k)fluoranthene	22.73	252	1516686	40.935	ng	#	96
89) Benzo(a)pyrene	23.24	252	1348424	39.259	ng	#	98
90) Dibenzo(a,h)anthracene	25.52	278	1207531	43.021	ng	#	91
91) Benzo(g,h,i)perylene	26.19	276	1029469	39.229	ng	#	88

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

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