Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072418\
Data File : BM016055.D
Acq On : 24 Jul 2018 14:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 25 05:28:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 23 16:08:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	40026	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	174187	20.00	ng		-0.01
38) Acenaphthene-d10	14.85	164	97078	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	210125	20.00	ng		0.00
75) Chrysene-d12	21.70	240	235119	20.00	ng		0.00
86) Perylene-d12	24.07	264	235495	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	197436	81.94	ng		0.00
7) Phenol-d6	7.38	99	253277	80.49	ng		0.00
23) Nitrobenzene-d5	9.41	82	310989	83.04	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	97145	78.90	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	661249	82.88	ng		0.00
78) Terphenyl-d14	20.15	244	953009	84.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	43031	38.115	ng	#	100
3) Pyridine	3.96	79	101249	37.228	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	82350	38.821	ng	#	34
6) Aniline	7.55	93	146910	40.547	ng		91
8) 2-Chlorophenol	7.79	128	117354	40.979	ng		98
9) Benzaldehyde	7.37	77	89616	40.534	ng		89
10) Phenol	7.41	94	127132	40.404	ng		96
11) bis(2-Chloroethyl)ether	7.65	93	98454	39.607	ng		90
12) 1,3-Dichlorobenzene	8.11	146	133152	39.722	ng	#	89
13) 1,4-Dichlorobenzene	8.26	146	134387	39.529	ng	#	91
14) 1,2-Dichlorobenzene	8.58	146	130122	39.116	ng	#	93
15) Benzyl Alcohol	8.48	79	103395	41.265	ng		86
16) 2,2'-oxybis(1-Chloropropan	8.75	45	147549	38.784	ng		98
17) 2-Methylphenol	8.67	107	90097	41.892	ng	#	81
18) Hexachloroethane	9.30	117	59977	40.813	ng		99
19) n-Nitroso-di-n-propylamine	9.04	70	93565	40.680	ng	#	77
20) 3+4-Methylphenols	9.00	107	119306	38.556	ng		86
22) Acetophenone	9.07	105	173910	39.651	ng	#	84
24) Nitrobenzene	9.46	77	148852	39.487	ng		95
25) Isophorone	9.97	82	203701	39.765	ng	#	94
26) 2-Nitrophenol	10.17	139	61030	38.783	ng	#	50
27) 2,4-Dimethylphenol	10.21	122	85010	38.775	ng	#	79
28) bis(2-Chloroethoxy)methane	10.45	93	130692	39.253	ng		98
29) 2,4-Dichlorophenol	10.70	162	106018	40.695	ng		96
30) 1,2,4-Trichlorobenzene	10.91	180	125469	39.638	ng		96
31) Naphthalene	11.10	128	344031	39.024	ng		98
32) Benzoic acid	10.37	122	62971	37.679	ng		91
33) 4-Chloroaniline	11.22	127	145665	40.491	ng	#	86
34) Hexachlorobutadiene	11.36	225	88071	40.112	ng		98
35) Caprolactam	12.02	113	28820	39.942	ng	#	86
36) 4-Chloro-3-methylphenol	12.33	107	119847	41.825	ng		87
37) 2-Methylnaphthalene	12.69	142	239616	40.575	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	132651	40.136	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	56971	39.422	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	83705	40.480	ng		97
43) 2,4,5-Trichlorophenol	13.37	196	84682	39.703	ng	#	80
45) 1,1'-Biphenyl	13.69	154	344548	39.327	ng		100
46) 2-Chloronaphthalene	13.74	162	267404	39.243	ng	#	88
47) 2-Nitroaniline	13.96	65	87547	38.861	ng	#	81
48) Acenaphthylene	14.58	152	397790	39.877	ng		98
49) Dimethylphthalate	14.30	163	338002	39.785	ng		100
50) 2,6-Dinitrotoluene	14.45	165	70273	41.110	ng	#	60
51) Acenaphthene	14.92	154	240854	39.259	ng		94
52) 3-Nitroaniline	14.77	138	72417	39.222	ng	#	77
53) 2,4-Dinitrophenol	15.00	184	25187	37.809	ng	#	69
54) Dibenzofuran	15.25	168	401950	39.758	ng	#	81
55) 4-Nitrophenol	15.08	139	51849	39.173	ng		89
56) 2,4-Dinitrotoluene	15.23	165	98691	40.377	ng		94
57) Fluorene	15.89	166	301258	40.100	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.47	232	75749	41.318	ng	#	100
59) Diethylphthalate	15.65	149	367256	40.106	ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	166941	39.917	ng	#	83
61) 4-Nitroaniline	15.93	138	69149	39.035	ng	#	9
62) Azobenzene	16.17	77	403758	41.866	ng	#	75
64) 4,6-Dinitro-2-methylphenol	15.99	198	50499	39.595	ng	#	83
65) n-Nitrosodiphenylamine	16.10	169	280903	40.598	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	97666	41.048	ng	#	76
67) Hexachlorobenzene	16.89	284	104277	39.797	ng	#	64
68) Atrazine	17.03	200	102222	41.221	ng		94
69) Pentachlorophenol	17.23	266	62851	38.737	ng		97
70) Phenanthrene	17.63	178	462090	39.280	ng		99
71) Anthracene	17.72	178	457783	40.039	ng		98
72) Carbazole	17.99	167	471184	39.780	ng		98
73) Di-n-butylphthalate	18.51	149	605221	41.005	ng	#	97
74) Fluoranthene	19.61	202	525345	40.034	ng		99
76) Benzidine	19.79	184	294475	44.820	ng		98
77) Pyrene	19.97	202	565117	40.108	ng		98
79) Butylbenzylphthalate	20.82	149	290058	40.524	ng	#	78
80) Benzo(a)anthracene	21.68	228	575630	39.750	ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	234044	40.125	ng		98
82) Chrysene	21.74	228	548884	39.513	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	424086	40.882	ng		92
84) Di-n-octyl phthalate	22.48	149	707864	40.601	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.50	276	649900	39.426	ng	#	94
87) Benzo(b)fluoranthene	23.35	252	570065	41.114	ng	#	96
88) Benzo(k)fluoranthene	23.40	252	549198	39.084	ng		98
89) Benzo(a)pyrene	23.97	252	532317	39.936	ng		100
90) Dibenzo(a,h)anthracene	26.50	278	548217	39.697	ng	#	96
91) Benzo(g,h,i)perylene	27.25	276	512792	39.259	ng	#	93

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

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