Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016023.D
Acq On : 23 Jul 2018 13:27
Operator : SJ/JU
Sample : SSTDICC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC040

Quant Time: Jul 23 14:06:09 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 14:03:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	37857	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	166032	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	91112	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	196250	20.00	ng		0.00
75) Chrysene-d12	21.70	240	213196	20.00	ng		0.00
86) Perylene-d12	24.07	264	213675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	192452	87.18	ng		0.00
7) Phenol-d6	7.39	99	250074	82.75	ng		0.00
23) Nitrobenzene-d5	9.42	82	297296	87.37	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	92102	77.36	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	596580	81.29	ng		0.00
78) Terphenyl-d14	20.16	244	828386	72.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44932	49.217	ng	#	100
3) Pyridine	3.96	79	108176	44.903	ng	#	72
4) n-Nitrosodimethylamine	3.87	42	85718	45.695	ng	#	37
6) Aniline	7.56	93	143530	39.175	ng	#	90
8) 2-Chlorophenol	7.79	128	113511	42.845	ng		95
9) Benzaldehyde	7.38	77	88325	46.372	ng		91
10) Phenol	7.42	94	125085	41.193	ng		96
11) bis(2-Chloroethyl)ether	7.65	93	96144	38.922	ng		87
12) 1,3-Dichlorobenzene	8.12	146	128535	43.758	ng	#	88
13) 1,4-Dichlorobenzene	8.27	146	131238	43.205	ng	#	94
14) 1,2-Dichlorobenzene	8.59	146	125674	42.780	ng	#	93
15) Benzyl Alcohol	8.49	79	98724	37.629	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.75	45	146073	54.147	ng		99
17) 2-Methylphenol	8.68	107	86492	41.113	ng	#	84
18) Hexachloroethane	9.31	117	58455	48.668	ng		97
19) n-Nitroso-di-n-propylamine	9.05	70	94014	38.709	ng	#	78
20) 3+4-Methylphenols	9.01	107	121983	41.744	ng		87
22) Acetophenone	9.08	105	170341	39.384	ng	#	83
24) Nitrobenzene	9.46	77	151723	45.804	ng		97
25) Isophorone	9.98	82	205494	39.564	ng	#	91
26) 2-Nitrophenol	10.18	139	60701	42.556	ng	#	47
27) 2,4-Dimethylphenol	10.22	122	87098	40.195	ng	#	81
28) bis(2-Chloroethoxy)methane	10.46	93	134264	39.678	ng		100
29) 2,4-Dichlorophenol	10.71	162	106172	44.240	ng		97
30) 1,2,4-Trichlorobenzene	10.92	180	122050	43.786	ng	#	96
31) Naphthalene	11.10	128	339696	39.462	ng		99
32) Benzoic acid	10.38	122	63487	33.093	ng	#	80
33) 4-Chloroaniline	11.22	127	146731	41.808	ng	#	87
34) Hexachlorobutadiene	11.36	225	85196	45.797	ng		100
35) Caprolactam	12.02	113	28768	36.145	ng	#	90
36) 4-Chloro-3-methylphenol	12.33	107	116800	42.416	ng		86
37) 2-Methylnaphthalene	12.70	142	233649	38.156	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	124142	42.452	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	51758	48.057	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	81737	44.218	ng		99
43) 2,4,5-Trichlorophenol	13.38	196	83123	41.628	ng	#	80
45) 1,1'-Biphenyl	13.69	154	333465	42.331	ng		99
46) 2-Chloronaphthalene	13.75	162	259781	44.107	ng	#	88
47) 2-Nitroaniline	13.96	65	87560	42.630	ng	#	75
48) Acenaphthylene	14.59	152	385226	40.206	ng		99
49) Dimethylphthalate	14.31	163	323644	40.277	ng		99
50) 2,6-Dinitrotoluene	14.45	165	67290	42.949	ng	#	56
51) Acenaphthene	14.92	154	229528	38.498	ng		94
52) 3-Nitroaniline	14.78	138	71469	41.676	ng	#	73
53) 2,4-Dinitrophenol	15.00	184	24265	36.618	ng	#	79
54) Dibenzofuran	15.25	168	382372	41.621	ng	#	81
55) 4-Nitrophenol	15.09	139	50945	40.253	ng	#	79
56) 2,4-Dinitrotoluene	15.23	165	93640	41.398	ng	#	91
57) Fluorene	15.90	166	286134	37.769	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.48	232	72606	43.090	ng	#	100
59) Diethylphthalate	15.66	149	352237	40.906	ng		94
60) 4-Chlorophenyl-phenylether	15.88	204	158225	40.588	ng	#	82
61) 4-Nitroaniline	15.94	138	66975	37.648	ng	#	21
62) Azobenzene	16.17	77	381026	47.205	ng		77
64) 4,6-Dinitro-2-methylphenol	16.00	198	48210	40.409	ng		84
65) n-Nitrosodiphenylamine	16.10	169	263099	39.125	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	90645	41.368	ng	#	72
67) Hexachlorobenzene	16.89	284	99529	40.649	ng	#	69
68) Atrazine	17.04	200	96442	43.602	ng		97
69) Pentachlorophenol	17.24	266	60790	40.123	ng		97
70) Phenanthrene	17.63	178	439748	39.167	ng		98
71) Anthracene	17.72	178	430653	39.058	ng		99
72) Carbazole	17.99	167	456028	44.383	ng		98
73) Di-n-butylphthalate	18.51	149	568079	41.020	ng	#	97
74) Fluoranthene	19.62	202	493353	38.223	ng		99
76) Benzidine	19.79	184	251420	40.250	ng		98
77) Pyrene	19.97	202	526911	39.676	ng		99
79) Butylbenzylphthalate	20.83	149	271242	42.252	ng	#	81
80) Benzo(a)anthracene	21.69	228	530045	39.213	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	218419	44.973	ng		99
82) Chrysene	21.74	228	504911	40.098	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	391518	41.276	ng		93
84) Di-n-octyl phthalate	22.49	149	657051	42.482	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.51	276	594013	50.775	ng	#	94
87) Benzo(b)fluoranthene	23.36	252	503871	35.320	ng	#	96
88) Benzo(k)fluoranthene	23.40	252	520622	37.568	ng		98
89) Benzo(a)pyrene	23.97	252	488296	38.884	ng		100
90) Dibenzo(a,h)anthracene	26.50	278	508114	44.971	ng	#	95
91) Benzo(g,h,i)perylene	27.26	276	474619	47.809	ng		94

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

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