Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016029.D
Acq On : 23 Jul 2018 17:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 17:48:23 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	40124	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	170620	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	92454	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	200103	20.00	ng		0.00
75) Chrysene-d12	21.70	240	223473	20.00	ng		0.00
86) Perylene-d12	24.07	264	226631	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	192172	79.56	ng		0.00
7) Phenol-d6	7.39	99	257791	81.72	ng		0.00
23) Nitrobenzene-d5	9.42	82	307228	83.75	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	95801	81.70	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	636197	83.73	ng		0.00
78) Terphenyl-d14	20.16	244	896821	84.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	44240	39.091	ng	#	100
3) Pyridine	3.96	79	107569	39.455	ng	#	80
4) n-Nitrosodimethylamine	3.88	42	81837	38.485	ng	#	37
6) Aniline	7.56	93	146738	40.401	ng	#	88
8) 2-Chlorophenol	7.79	128	115530	40.243	ng		95
9) Benzaldehyde	7.37	77	91504	41.287	ng		87
10) Phenol	7.42	94	128846	40.848	ng		99
11) bis(2-Chloroethyl)ether	7.65	93	99140	39.786	ng		86
12) 1,3-Dichlorobenzene	8.12	146	133778	39.811	ng	#	86
13) 1,4-Dichlorobenzene	8.27	146	137603	40.376	ng	#	92
14) 1,2-Dichlorobenzene	8.59	146	131791	39.521	ng		94
15) Benzyl Alcohol	8.49	79	101046	40.229	ng		85
16) 2,2'-oxybis(1-Chloropropan	8.75	45	150409	39.439	ng		100
17) 2-Methylphenol	8.68	107	91234	42.317	ng	#	84
18) Hexachloroethane	9.31	117	59601	40.458	ng		97
19) n-Nitroso-di-n-propylamine	9.05	70	93161	40.406	ng	#	73
20) 3+4-Methylphenols	9.02	107	121280	39.099	ng		86
22) Acetophenone	9.07	105	172133	40.066	ng	#	85
24) Nitrobenzene	9.46	77	148604	40.245	ng		96
25) Isophorone	9.98	82	199076	39.674	ng	#	94
26) 2-Nitrophenol	10.17	139	60942	39.536	ng	#	48
27) 2,4-Dimethylphenol	10.22	122	86566	40.310	ng	#	85
28) bis(2-Chloroethoxy)methane	10.46	93	131829	40.422	ng		98
29) 2,4-Dichlorophenol	10.70	162	105764	41.446	ng		96
30) 1,2,4-Trichlorobenzene	10.92	180	123517	39.837	ng	#	96
31) Naphthalene	11.10	128	339232	39.285	ng		99
32) Benzoic acid	10.37	122	64628	39.479	ng	#	84
33) 4-Chloroaniline	11.22	127	144920	41.126	ng	#	86
34) Hexachlorobutadiene	11.36	225	87173	40.533	ng		98
35) Caprolactam	12.03	113	28152	39.831	ng		91
36) 4-Chloro-3-methylphenol	12.33	107	117050	41.703	ng		86
37) 2-Methylnaphthalene	12.70	142	232606	40.211	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	126645	40.236	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	56516	40.744	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	82263	41.773	ng		98
43) 2,4,5-Trichlorophenol	13.38	196	86227	42.449	ng	#	82
45) 1,1'-Biphenyl	13.69	154	336841	40.371	ng		99
46) 2-Chloronaphthalene	13.75	162	261796	40.341	ng	#	88
47) 2-Nitroaniline	13.96	65	87173	40.630	ng	#	78
48) Acenaphthylene	14.59	152	389667	41.016	ng		98
49) Dimethylphthalate	14.31	163	324705	40.131	ng		99
50) 2,6-Dinitrotoluene	14.45	165	67388	41.394	ng	#	60
51) Acenaphthene	14.92	154	234554	40.144	ng		98
52) 3-Nitroaniline	14.78	138	70821	40.276	ng	#	77
53) 2,4-Dinitrophenol	15.00	184	24165	38.043	ng	#	82
54) Dibenzofuran	15.26	168	391179	40.628	ng	#	81
55) 4-Nitrophenol	15.09	139	51659	40.982	ng	#	82
56) 2,4-Dinitrotoluene	15.23	165	92917	39.916	ng		88
57) Fluorene	15.90	166	292629	40.899	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.48	232	72922	41.765	ng	#	100
59) Diethylphthalate	15.66	149	357975	41.047	ng		94
60) 4-Chlorophenyl-phenylether	15.88	204	160129	40.203	ng	#	82
61) 4-Nitroaniline	15.94	138	67592	40.064	ng	#	13
62) Azobenzene	16.17	77	394013	42.899	ng	#	76
64) 4,6-Dinitro-2-methylphenol	16.00	198	48362	39.818	ng		86
65) n-Nitrosodiphenylamine	16.10	169	270604	41.069	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	94067	41.515	ng	#	73
67) Hexachlorobenzene	16.89	284	101253	40.578	ng	#	68
68) Atrazine	17.04	200	98730	41.807	ng		96
69) Pentachlorophenol	17.24	266	62530	40.469	ng		98
70) Phenanthrene	17.63	178	448454	40.030	ng		99
71) Anthracene	17.72	178	444162	40.793	ng		99
72) Carbazole	17.99	167	458836	40.678	ng		97
73) Di-n-butylphthalate	18.51	149	586554	41.731	ng	#	97
74) Fluoranthene	19.62	202	506079	40.497	ng		99
76) Benzidine	19.79	184	296172	47.427	ng		98
77) Pyrene	19.97	202	538066	40.178	ng		98
79) Butylbenzylphthalate	20.83	149	284423	41.807	ng	#	81
80) Benzo(a)anthracene	21.69	228	553570	40.219	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	227397	41.017	ng		99
82) Chrysene	21.74	228	523358	39.639	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	413405	41.929	ng		92
84) Di-n-octyl phthalate	22.49	149	684300	41.295	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.50	276	622177	39.711	ng	#	95
87) Benzo(b)fluoranthene	23.36	252	548233	41.086	ng	#	96
88) Benzo(k)fluoranthene	23.40	252	522949	38.671	ng		99
89) Benzo(a)pyrene	23.97	252	511665	39.888	ng		100
90) Dibenzo(a,h)anthracene	26.50	278	530315	39.902	ng		97
91) Benzo(g,h,i)perylene	27.26	276	498915	39.691	ng	#	93

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

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