Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016024.D
Acq On : 23 Jul 2018 14:04
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC050

Quant Time: Jul 23 14:34:36 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	40083	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	167729	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	91464	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	196022	20.00	ng		0.00
75) Chrysene-d12	21.70	240	211320	20.00	ng		0.00
86) Perylene-d12	24.07	264	212012	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	244305	104.53	ng		0.00
7) Phenol-d6	7.39	99	314851	98.40	ng		0.00
23) Nitrobenzene-d5	9.42	82	376312	109.47	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	117243	98.10	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	758735	102.99	ng		0.00
78) Terphenyl-d14	20.16	244	1051720	92.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	55573	57.492	ng	#	100
3) Pyridine	3.96	79	137851	54.043	ng	#	74
4) n-Nitrosodimethylamine	3.87	42	106096	53.418	ng	#	34
6) Aniline	7.56	93	188880	48.690	ng		92
8) 2-Chlorophenol	7.79	128	146448	52.208	ng		97
9) Benzaldehyde	7.37	77	108170	53.637	ng		87
10) Phenol	7.42	94	158407	49.270	ng		99
11) bis(2-Chloroethyl)ether	7.65	93	129050	49.343	ng		88
12) 1,3-Dichlorobenzene	8.12	146	168657	54.229	ng	#	91
13) 1,4-Dichlorobenzene	8.27	146	171650	53.371	ng		96
14) 1,2-Dichlorobenzene	8.59	146	166010	53.373	ng	#	93
15) Benzyl Alcohol	8.49	79	130683	47.044	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.76	45	191714	67.119	ng		99
17) 2-Methylphenol	8.68	107	111096	49.876	ng	#	83
18) Hexachloroethane	9.31	117	73968	58.164	ng		97
19) n-Nitroso-di-n-propylamine	9.05	70	119210	46.358	ng	#	75
20) 3+4-Methylphenols	9.02	107	153859	49.728	ng		89
22) Acetophenone	9.07	105	214789	49.158	ng	#	85
24) Nitrobenzene	9.46	77	184411	55.109	ng		98
25) Isophorone	9.98	82	259252	49.409	ng	#	94
26) 2-Nitrophenol	10.17	139	78257	54.310	ng	#	54
27) 2,4-Dimethylphenol	10.22	122	111136	50.770	ng	#	82
28) bis(2-Chloroethoxy)methane	10.46	93	164312	48.066	ng		99
29) 2,4-Dichlorophenol	10.70	162	133839	55.205	ng		96
30) 1,2,4-Trichlorobenzene	10.92	180	153831	54.629	ng		98
31) Naphthalene	11.10	128	428055	49.224	ng		99
32) Benzoic acid	10.39	122	82846	42.746	ng	#	87
33) 4-Chloroaniline	11.22	127	183459	51.745	ng	#	86
34) Hexachlorobutadiene	11.36	225	107607	57.259	ng		98
35) Caprolactam	12.03	113	37494	46.632	ng		93
36) 4-Chloro-3-methylphenol	12.33	107	147316	52.957	ng		89
37) 2-Methylnaphthalene	12.70	142	292531	47.289	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	156845	53.429	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	68539	63.393	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	104137	56.119	ng		99
43) 2,4,5-Trichlorophenol	13.38	196	104659	52.211	ng	#	83
45) 1,1'-Biphenyl	13.69	154	417544	52.800	ng		99
46) 2-Chloronaphthalene	13.75	162	325507	55.053	ng	#	89
47) 2-Nitroaniline	13.96	65	111469	54.062	ng	#	81
48) Acenaphthylene	14.59	152	483522	50.271	ng		99
49) Dimethylphthalate	14.31	163	405621	50.285	ng		100
50) 2,6-Dinitrotoluene	14.45	165	84743	53.881	ng	#	55
51) Acenaphthene	14.92	154	293235	48.994	ng		98
52) 3-Nitroaniline	14.78	138	90194	52.393	ng	#	73
53) 2,4-Dinitrophenol	15.00	184	32120	48.285	ng	#	74
54) Dibenzofuran	15.26	168	478031	51.833	ng	#	82
55) 4-Nitrophenol	15.09	139	66302	52.186	ng		85
56) 2,4-Dinitrotoluene	15.23	165	117102	51.572	ng		91
57) Fluorene	15.90	166	362793	47.703	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.48	232	90549	53.531	ng	#	100
59) Diethylphthalate	15.66	149	441241	51.045	ng		95
60) 4-Chlorophenyl-phenylether	15.88	204	196197	50.135	ng	#	81
61) 4-Nitroaniline	15.94	138	84834	47.503	ng	#	15
62) Azobenzene	16.17	77	479813	59.215	ng		76
64) 4,6-Dinitro-2-methylphenol	16.00	198	60355	50.648	ng	#	83
65) n-Nitrosodiphenylamine	16.10	169	334187	49.754	ng		97
66) 4-Bromophenyl-phenylether	16.77	248	114070	52.119	ng	#	77
67) Hexachlorobenzene	16.89	284	122757	50.194	ng	#	66
68) Atrazine	17.04	200	119671	54.167	ng		94
69) Pentachlorophenol	17.24	266	77797	51.408	ng		98
70) Phenanthrene	17.63	178	547821	48.849	ng		98
71) Anthracene	17.72	178	543681	49.366	ng		98
72) Carbazole	17.99	167	564612	55.015	ng		97
73) Di-n-butylphthalate	18.51	149	729695	52.751	ng	#	96
74) Fluoranthene	19.62	202	623008	48.324	ng		100
76) Benzidine	19.79	184	318787	51.488	ng		98
77) Pyrene	19.97	202	654078	49.689	ng		99
79) Butylbenzylphthalate	20.83	149	345507	54.299	ng	#	82
80) Benzo(a)anthracene	21.69	228	660199	49.275	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	275289	57.186	ng		100
82) Chrysene	21.74	228	630503	50.517	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	501307	53.320	ng		93
84) Di-n-octyl phthalate	22.49	149	832145	54.281	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.51	276	742277	64.012	ng	#	94
87) Benzo(b)fluoranthene	23.36	252	650486	45.955	ng	#	95
88) Benzo(k)fluoranthene	23.40	252	627653	45.647	ng		98
89) Benzo(a)pyrene	23.97	252	610734	49.015	ng		99
90) Dibenzo(a,h)anthracene	26.51	278	630202	56.214	ng	#	96
91) Benzo(g,h,i)perylene	27.26	276	587506	59.644	ng	#	94

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

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