Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016025.D
Acq On : 23 Jul 2018 14:41
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Quant Time: Jul 23 15:13:14 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	37660	20.00	ng		0.00
21) Naphthalene-d8	11.06	136	162011	20.00	ng		0.00
38) Acenaphthene-d10	14.86	164	90469	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	190319	20.00	ng		0.00
75) Chrysene-d12	21.70	240	216852	20.00	ng		0.00
86) Perylene-d12	24.07	264	211261	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	292538	133.22	ng		0.00
7) Phenol-d6	7.39	99	381201	126.80	ng		0.00
23) Nitrobenzene-d5	9.42	82	438046	131.92	ng		0.00
41) 2,4,6-Tribromophenol	16.34	330	145931	123.45	ng		0.00
44) 2-Fluorobiphenyl	13.48	172	918960	126.11	ng		0.00
78) Terphenyl-d14	20.16	244	1311806	112.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	65089	71.669	ng	#	100
3) Pyridine	3.96	79	163803	68.349	ng	#	77
4) n-Nitrosodimethylamine	3.87	42	125205	67.095	ng	#	36
6) Aniline	7.56	93	213344	58.534	ng	#	89
8) 2-Chlorophenol	7.79	128	167997	63.743	ng		95
9) Benzaldehyde	7.37	77	124421	65.664	ng		89
10) Phenol	7.42	94	189312	62.671	ng		97
11) bis(2-Chloroethyl)ether	7.65	93	146265	59.523	ng		88
12) 1,3-Dichlorobenzene	8.12	146	193469	66.209	ng	#	89
13) 1,4-Dichlorobenzene	8.27	146	196468	65.018	ng	#	94
14) 1,2-Dichlorobenzene	8.59	146	192401	65.837	ng		93
15) Benzyl Alcohol	8.49	79	152514	58.435	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.76	45	218294	81.342	ng		98
17) 2-Methylphenol	8.68	107	129668	61.959	ng	#	83
18) Hexachloroethane	9.31	117	85373	71.452	ng		96
19) n-Nitroso-di-n-propylamine	9.05	70	137921	57.085	ng	#	76
20) 3+4-Methylphenols	9.02	107	180209	61.992	ng		85
22) Acetophenone	9.07	105	252164	59.748	ng	#	85
24) Nitrobenzene	9.46	77	215547	66.687	ng		97
25) Isophorone	9.98	82	301409	59.471	ng	#	94
26) 2-Nitrophenol	10.17	139	92878	66.731	ng	#	55
27) 2,4-Dimethylphenol	10.22	122	129035	61.027	ng	#	82
28) bis(2-Chloroethoxy)methane	10.46	93	191613	58.031	ng		98
29) 2,4-Dichlorophenol	10.70	162	159052	67.920	ng		98
30) 1,2,4-Trichlorobenzene	10.92	180	181361	66.678	ng		97
31) Naphthalene	11.10	128	491945	58.567	ng		99
32) Benzoic acid	10.39	122	97120	51.880	ng	#	83
33) 4-Chloroaniline	11.23	127	215042	62.793	ng	#	88
34) Hexachlorobutadiene	11.36	225	126605	69.746	ng		96
35) Caprolactam	12.04	113	43077	55.467	ng	#	85
36) 4-Chloro-3-methylphenol	12.33	107	173534	64.583	ng		87
37) 2-Methylnaphthalene	12.70	142	346763	58.034	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	188854	65.040	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	88093	82.375	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	125697	68.483	ng		99
43) 2,4,5-Trichlorophenol	13.38	196	126571	63.837	ng	#	81
45) 1,1'-Biphenyl	13.70	154	498218	63.695	ng		100
46) 2-Chloronaphthalene	13.75	162	384632	65.769	ng	#	90
47) 2-Nitroaniline	13.96	65	133299	65.360	ng	#	79
48) Acenaphthylene	14.59	152	574814	60.419	ng		99
49) Dimethylphthalate	14.32	163	480772	60.257	ng		99
50) 2,6-Dinitrotoluene	14.45	165	101743	65.401	ng	#	67
51) Acenaphthene	14.92	154	344971	58.272	ng		97
52) 3-Nitroaniline	14.78	138	107190	62.951	ng	#	74
53) 2,4-Dinitrophenol	15.00	184	40497	61.547	ng	#	73
54) Dibenzofuran	15.26	168	569205	62.398	ng	#	83
55) 4-Nitrophenol	15.09	139	77658	61.796	ng	#	84
56) 2,4-Dinitrotoluene	15.24	165	142251	63.336	ng		94
57) Fluorene	15.90	166	430114	57.177	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.48	232	107775	64.416	ng	#	100
59) Diethylphthalate	15.66	149	525654	61.479	ng		96
60) 4-Chlorophenyl-phenylether	15.88	204	240800	62.209	ng	#	83
61) 4-Nitroaniline	15.94	138	102727	58.155	ng	#	20
62) Azobenzene	16.17	77	564551	70.439	ng	#	76
64) 4,6-Dinitro-2-methylphenol	16.00	198	76200	65.860	ng		84
65) n-Nitrosodiphenylamine	16.10	169	399730	61.296	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	139493	65.645	ng	#	78
67) Hexachlorobenzene	16.89	284	152539	64.240	ng	#	68
68) Atrazine	17.04	200	145442	67.804	ng		98
69) Pentachlorophenol	17.24	266	95610	65.072	ng		97
70) Phenanthrene	17.63	178	653984	60.063	ng		98
71) Anthracene	17.72	178	651498	60.928	ng		97
72) Carbazole	17.99	167	673799	67.622	ng		97
73) Di-n-butylphthalate	18.52	149	865918	64.475	ng	#	97
74) Fluoranthene	19.62	202	752107	60.085	ng		99
76) Benzidine	19.79	184	365915	57.592	ng		99
77) Pyrene	19.97	202	790856	58.547	ng		98
79) Butylbenzylphthalate	20.83	149	419797	64.291	ng	#	80
80) Benzo(a)anthracene	21.69	228	807458	58.729	ng		100
81) 3,3'-Dichlorobenzidine	21.62	252	329462	66.693	ng		100
82) Chrysene	21.74	228	767787	59.947	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	615554	63.802	ng		92
84) Di-n-octyl phthalate	22.49	149	1015224	64.534	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.51	276	898311	75.491	ng	#	94
87) Benzo(b)fluoranthene	23.36	252	780206	55.315	ng	#	95
88) Benzo(k)fluoranthene	23.40	252	766178	55.919	ng		98
89) Benzo(a)pyrene	23.97	252	741825	59.748	ng		99
90) Dibenzo(a,h)anthracene	26.51	278	771794	69.089	ng		96
91) Benzo(g,h,i)perylene	27.26	276	712639	72.605	ng	#	94

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

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