Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072318\
Data File : BM016053.D
Acq On : 24 Jul 2018 07:52
Operator : SJ/JU
Sample : SSTDCCC040EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 24 09:26:27 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	45091	20.00	ng		0.00
21) Naphthalene-d8	11.05	136	193237	20.00	ng		0.00
38) Acenaphthene-d10	14.85	164	107569	20.00	ng		0.00
63) Phenanthrene-d10	17.58	188	232632	20.00	ng		0.00
75) Chrysene-d12	21.70	240	263033	20.00	ng		0.00
86) Perylene-d12	24.07	264	259833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	220922	81.39	ng		0.00
7) Phenol-d6	7.38	99	287744	81.17	ng		0.00
23) Nitrobenzene-d5	9.42	82	351589	84.63	ng		0.00
41) 2,4,6-Tribromophenol	16.33	330	110625	81.08	ng		0.00
44) 2-Fluorobiphenyl	13.47	172	737806	83.45	ng		0.00
78) Terphenyl-d14	20.15	244	1078197	85.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	49325	38.783	ng	#	100
3) Pyridine	3.96	79	114433	37.349	ng	#	71
4) n-Nitrosodimethylamine	3.87	42	93331	39.055	ng	#	35
6) Aniline	7.55	93	165288	40.495	ng	#	90
8) 2-Chlorophenol	7.79	128	128624	39.869	ng		95
9) Benzaldehyde	7.37	77	101443	40.729	ng		88
10) Phenol	7.41	94	143154	40.385	ng		98
11) bis(2-Chloroethyl)ether	7.65	93	112943	40.332	ng		86
12) 1,3-Dichlorobenzene	8.11	146	149555	39.604	ng	#	86
13) 1,4-Dichlorobenzene	8.26	146	153013	39.952	ng	#	92
14) 1,2-Dichlorobenzene	8.58	146	146684	39.142	ng	#	91
15) Benzyl Alcohol	8.48	79	116352	41.220	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.76	45	165532	38.623	ng		97
17) 2-Methylphenol	8.68	107	100076	41.305	ng	#	83
18) Hexachloroethane	9.30	117	67289	40.645	ng		96
19) n-Nitroso-di-n-propylamine	9.04	70	105806	40.835	ng	#	74
20) 3+4-Methylphenols	9.01	107	135943	38.998	ng		87
22) Acetophenone	9.07	105	195018	40.080	ng	#	83
24) Nitrobenzene	9.46	77	167731	40.108	ng		96
25) Isophorone	9.97	82	228227	40.160	ng	#	94
26) 2-Nitrophenol	10.17	139	69071	39.565	ng	#	51
27) 2,4-Dimethylphenol	10.22	122	97323	40.015	ng	#	81
28) bis(2-Chloroethoxy)methane	10.45	93	147290	39.877	ng		97
29) 2,4-Dichlorophenol	10.70	162	119404	41.315	ng		98
30) 1,2,4-Trichlorobenzene	10.91	180	140043	39.881	ng		97
31) Naphthalene	11.10	128	382290	39.089	ng		100
32) Benzoic acid	10.38	122	68582	36.991	ng		88
33) 4-Chloroaniline	11.22	127	164372	41.186	ng	#	88
34) Hexachlorobutadiene	11.36	225	97992	40.230	ng		94
35) Caprolactam	12.03	113	33071	41.315	ng		95
36) 4-Chloro-3-methylphenol	12.33	107	132081	41.551	ng		89
37) 2-Methylnaphthalene	12.69	142	267689	40.860	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	145411	39.706	ng	#	100
40) Hexachlorocyclopentadiene	13.02	237	64467	40.096	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	94746	41.351	ng		98
43) 2,4,5-Trichlorophenol	13.37	196	95028	40.208	ng	#	82
45) 1,1'-Biphenyl	13.69	154	384166	39.573	ng		98
46) 2-Chloronaphthalene	13.74	162	300358	39.780	ng	#	88
47) 2-Nitroaniline	13.96	65	101585	40.695	ng	#	77
48) Acenaphthylene	14.58	152	451037	40.805	ng		99
49) Dimethylphthalate	14.30	163	378891	40.248	ng		99
50) 2,6-Dinitrotoluene	14.45	165	78700	41.549	ng	#	63
51) Acenaphthene	14.92	154	272066	40.021	ng		96
52) 3-Nitroaniline	14.77	138	81124	39.653	ng	#	78
53) 2,4-Dinitrophenol	15.00	184	28881	38.912	ng	#	77
54) Dibenzofuran	15.25	168	444921	39.716	ng	#	83
55) 4-Nitrophenol	15.08	139	57772	39.391	ng	#	84
56) 2,4-Dinitrotoluene	15.23	165	107909	39.843	ng		91
57) Fluorene	15.89	166	339368	40.767	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.47	232	85859	42.265	ng	#	100
59) Diethylphthalate	15.65	149	415224	40.922	ng		94
60) 4-Chlorophenyl-phenylether	15.88	204	185798	40.093	ng	#	84
61) 4-Nitroaniline	15.93	138	78964	40.228	ng	#	12
62) Azobenzene	16.17	77	453009	42.392	ng		76
64) 4,6-Dinitro-2-methylphenol	15.99	198	56897	40.295	ng	#	84
65) n-Nitrosodiphenylamine	16.10	169	316607	41.331	ng		98
66) 4-Bromophenyl-phenylether	16.77	248	108931	41.353	ng	#	74
67) Hexachlorobenzene	16.89	284	116258	40.077	ng	#	62
68) Atrazine	17.03	200	112666	41.037	ng		96
69) Pentachlorophenol	17.23	266	71475	39.790	ng		97
70) Phenanthrene	17.62	178	517595	39.741	ng		99
71) Anthracene	17.72	178	510478	40.328	ng		98
72) Carbazole	17.99	167	536239	40.892	ng		98
73) Di-n-butylphthalate	18.51	149	685894	41.975	ng	#	97
74) Fluoranthene	19.61	202	597689	41.140	ng		98
76) Benzidine	19.79	184	282463	38.429	ng		99
77) Pyrene	19.97	202	630993	40.031	ng		98
79) Butylbenzylphthalate	20.82	149	329303	41.124	ng	#	79
80) Benzo(a)anthracene	21.69	228	646953	39.934	ng		99
81) 3,3'-Dichlorobenzidine	21.61	252	262261	40.191	ng		99
82) Chrysene	21.74	228	618539	39.802	ng		100
83) Bis(2-ethylhexyl)phthalate	21.57	149	479480	41.316	ng		92
84) Di-n-octyl phthalate	22.48	149	793544	40.685	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.50	276	715856	38.818	ng	#	94
87) Benzo(b)fluoranthene	23.35	252	636220	41.587	ng	#	95
88) Benzo(k)fluoranthene	23.40	252	611936	39.469	ng		98
89) Benzo(a)pyrene	23.97	252	599577	40.768	ng		100
90) Dibenzo(a,h)anthracene	26.50	278	612896	40.223	ng		96
91) Benzo(g,h,i)perylene	27.24	276	571138	39.631	ng	#	94

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

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