Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016294.D
Acq On : 09 Aug 2018 23:58
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 00:46:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 16:23:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	36269	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	142337	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	67160	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	130431	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	154038	20.00	ng		0.00
86) Perylene-d12	23.96	264	170770	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	185449	84.94	ng		0.00
7) Phenol-d6	7.30	99	222301	77.96	ng		0.00
23) Nitrobenzene-d5	9.32	82	265769	86.85	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	58367	68.52	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	492885	89.30	ng		0.00
78) Terphenyl-d14	20.08	244	585655	79.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	43657	42.676	ng	#	100
3) Pyridine	3.89	79	100216	40.665	ng	#	68
4) n-Nitrosodimethylamine	3.80	42	83459	43.419	ng	#	31
6) Aniline	7.46	93	125111	38.107	ng	#	89
8) 2-Chlorophenol	7.69	128	103190	39.765	ng		97
9) Benzaldehyde	7.27	77	78018	38.943	ng		88
10) Phenol	7.33	94	110531	38.766	ng		97
11) bis(2-Chloroethyl)ether	7.55	93	86307	38.317	ng		87
12) 1,3-Dichlorobenzene	8.01	146	120486	39.667	ng	#	87
13) 1,4-Dichlorobenzene	8.16	146	123603	40.123	ng	#	93
14) 1,2-Dichlorobenzene	8.48	146	117431	38.958	ng	#	93
15) Benzyl Alcohol	8.39	79	91705	40.391	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.65	45	121457	35.233	ng		97
17) 2-Methylphenol	8.59	107	74767	38.366	ng	#	79
18) Hexachloroethane	9.20	117	52602	39.502	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	76890	36.893	ng	#	72
20) 3+4-Methylphenols	8.92	107	101445	36.180	ng		86
22) Acetophenone	8.97	105	145307	40.543	ng	#	80
24) Nitrobenzene	9.36	77	126034	40.915	ng		97
25) Isophorone	9.87	82	164459	39.288	ng	#	92
26) 2-Nitrophenol	10.07	139	51696	40.202	ng	#	49
27) 2,4-Dimethylphenol	10.12	122	69137	38.592	ng	#	81
28) bis(2-Chloroethoxy)methane	10.35	93	104578	38.438	ng		99
29) 2,4-Dichlorophenol	10.61	162	86012	40.403	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	101078	39.078	ng	#	97
31) Naphthalene	11.00	128	271502	37.689	ng		99
32) Benzoic acid	10.30	122	45493	33.312	ng	#	84
33) 4-Chloroaniline	11.12	127	111659	37.983	ng	#	86
34) Hexachlorobutadiene	11.25	225	78063	43.509	ng		99
35) Caprolactam	11.94	113	20405	34.607	ng	#	87
36) 4-Chloro-3-methylphenol	12.25	107	86648	37.006	ng		87
37) 2-Methylnaphthalene	12.59	142	180025	37.306	ng	#	86
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	99709	43.609	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	16903	21.289	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	60486	42.282	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	61914	41.959	ng	#	82
45) 1,1'-Biphenyl	13.60	154	250778	41.376	ng		98
46) 2-Chloronaphthalene	13.65	162	192236	40.779	ng	#	88
47) 2-Nitroaniline	13.87	65	62090	39.839	ng	#	80
48) Acenaphthylene	14.49	152	276846	40.116	ng		99
49) Dimethylphthalate	14.22	163	236127	40.175	ng		99
50) 2,6-Dinitrotoluene	14.36	165	48503	41.014	ng	#	53
51) Acenaphthene	14.83	154	165313	38.949	ng		96
52) 3-Nitroaniline	14.70	138	46482	36.390	ng	#	79
53) 2,4-Dinitrophenol	14.93	184	12424	28.714	ng	#	68
54) Dibenzofuran	15.16	168	270031	38.608	ng	#	79
55) 4-Nitrophenol	15.03	139	25835	28.214	ng	#	90
56) 2,4-Dinitrotoluene	15.16	165	64533	38.164	ng	#	65
57) Fluorene	15.81	166	199960	38.473	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	45731	36.056	ng	#	100
59) Diethylphthalate	15.57	149	252510	39.859	ng		94
60) 4-Chlorophenyl-phenylether	15.79	204	114550	39.591	ng	#	77
61) 4-Nitroaniline	15.86	138	43333	35.359	ng	#	1
62) Azobenzene	16.09	77	273110	40.935	ng	#	72
64) 4,6-Dinitro-2-methylphenol	15.92	198	21981	27.765	ng		87
65) n-Nitrosodiphenylamine	16.02	169	179946	41.898	ng		98
66) 4-Bromophenyl-phenylether	16.69	248	61929	41.931	ng	#	72
67) Hexachlorobenzene	16.80	284	64533	39.677	ng	#	59
68) Atrazine	16.96	200	63518	41.264	ng		94
69) Pentachlorophenol	17.16	266	32460	32.230	ng		98
70) Phenanthrene	17.54	178	283124	38.772	ng		99
71) Anthracene	17.63	178	280215	39.483	ng		99
72) Carbazole	17.91	167	282799	38.464	ng	#	96
73) Di-n-butylphthalate	18.43	149	388341	42.387	ng	#	95
74) Fluoranthene	19.53	202	323762	39.747	ng		99
76) Benzidine	19.72	184	170330	39.570	ng		99
77) Pyrene	19.90	202	339303	36.757	ng		99
79) Butylbenzylphthalate	20.76	149	188957	40.294	ng	#	79
80) Benzo(a)anthracene	21.62	228	374557	39.480	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	152326	39.861	ng		99
82) Chrysene	21.67	228	365113	40.119	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	276725	40.718	ng		92
84) Di-n-octyl phthalate	22.40	149	479381	41.969	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.35	276	485583	44.963	ng	#	96
87) Benzo(b)fluoranthene	23.26	252	379932	37.787	ng	#	94
88) Benzo(k)fluoranthene	23.30	252	394908	38.755	ng	#	97
89) Benzo(a)pyrene	23.86	252	379484	39.260	ng		98
90) Dibenzo(a,h)anthracene	26.35	278	409548	40.896	ng	#	95
91) Benzo(g,h,i)perylene	27.09	276	379399	40.056	ng	#	92

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

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