Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080918\
Data File : BM016274.D
Acq On : 09 Aug 2018 10:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2018 2:29:55 PM

Quant Time: Aug 10 04:51:11 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	34810	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	134734	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	65795	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	133140	20.00	ng		0.00
75) Chrysene-d12	21.63	240	147023	20.00	ng		0.00
86) Perylene-d12	23.97	264	160587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	175188	83.60	ng		0.00
7) Phenol-d6	7.30	99	215078	78.59	ng		0.00
23) Nitrobenzene-d5	9.32	82	250797	86.58	ng		0.00
41) 2,4,6-Tribromophenol	16.26	330	58288	69.85	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	472463	87.37	ng		0.00
78) Terphenyl-d14	20.08	244	576630	82.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	40390	41.137	ng	#	100
3) Pyridine	3.89	79	91034	38.488	ng	#	71
4) n-Nitrosodimethylamine	3.80	42	78426	42.511	ng	#	32
6) Aniline	7.46	93	122906	39.005	ng		93
8) 2-Chlorophenol	7.69	128	97548	39.167	ng		93
9) Benzaldehyde	7.28	77	74654	38.826	ng		87
10) Phenol	7.33	94	105872	38.689	ng		95
11) bis(2-Chloroethyl)ether	7.56	93	84653	39.158	ng		88
12) 1,3-Dichlorobenzene	8.02	146	112223	38.495	ng	#	89
13) 1,4-Dichlorobenzene	8.17	146	115142	38.943	ng	#	92
14) 1,2-Dichlorobenzene	8.49	146	110703	38.265	ng	#	93
15) Benzyl Alcohol	8.39	79	87732	40.261	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.66	45	116595	35.240	ng		94
17) 2-Methylphenol	8.59	107	71137	38.033	ng	#	84
18) Hexachloroethane	9.20	117	49769	38.941	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	72794	36.392	ng	#	71
20) 3+4-Methylphenols	8.92	107	95716	35.568	ng		86
22) Acetophenone	8.97	105	138308	40.767	ng	#	81
24) Nitrobenzene	9.36	77	119368	40.938	ng		96
25) Isophorone	9.88	82	158706	40.053	ng	#	95
26) 2-Nitrophenol	10.07	139	50666	41.625	ng	#	50
27) 2,4-Dimethylphenol	10.12	122	68393	40.331	ng	#	81
28) bis(2-Chloroethoxy)methane	10.36	93	98332	38.182	ng		99
29) 2,4-Dichlorophenol	10.61	162	82877	41.128	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	96470	39.401	ng	#	95
31) Naphthalene	11.00	128	262879	38.551	ng		99
32) Benzoic acid	10.29	122	47164	36.484	ng	#	80
33) 4-Chloroaniline	11.12	127	108929	39.146	ng	#	87
34) Hexachlorobutadiene	11.25	225	71603	42.161	ng		98
35) Caprolactam	11.93	113	20617	36.940	ng		92
36) 4-Chloro-3-methylphenol	12.25	107	84913	38.311	ng		89
37) 2-Methylnaphthalene	12.60	142	172921	37.856	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	95968	42.843	ng	#	100
40) Hexachlorocyclopentadiene	12.92	237	10321	16.159	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	61441	43.841	ng		97
43) 2,4,5-Trichlorophenol	13.29	196	61270	42.384	ng	#	79
45) 1,1'-Biphenyl	13.60	154	242102	40.773	ng		99
46) 2-Chloronaphthalene	13.65	162	188446	40.804	ng	#	89
47) 2-Nitroaniline	13.87	65	62513	40.942	ng	#	79
48) Acenaphthylene	14.49	152	274542	40.607	ng		99
49) Dimethylphthalate	14.22	163	231779	40.253	ng		99
50) 2,6-Dinitrotoluene	14.36	165	46830	40.421	ng	#	44
51) Acenaphthene	14.83	154	161940	38.946	ng		98
52) 3-Nitroaniline	14.70	138	47688	38.109	ng	#	81
53) 2,4-Dinitrophenol	14.93	184	10125	24.915	ng	#	74
54) Dibenzofuran	15.16	168	263437	38.446	ng	#	77
55) 4-Nitrophenol	15.02	139	28295m	31.542	ng		
56) 2,4-Dinitrotoluene	15.16	165	65087	39.290	ng	#	67
57) Fluorene	15.81	166	195664	38.427	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	48536	39.062	ng	#	100
59) Diethylphthalate	15.57	149	245642	39.579	ng		95
60) 4-Chlorophenyl-phenylether	15.80	204	111092	39.193	ng	#	81
61) 4-Nitroaniline	15.86	138	43820	36.498	ng	#	1
62) Azobenzene	16.09	77	269052	41.163	ng	#	74
64) 4,6-Dinitro-2-methylphenol	15.92	198	23804	29.456	ng	#	82
65) n-Nitrosodiphenylamine	16.02	169	177429	40.471	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	61999	41.124	ng	#	72
67) Hexachlorobenzene	16.81	284	64414	38.798	ng	#	64
68) Atrazine	16.96	200	62083	39.511	ng		96
69) Pentachlorophenol	17.16	266	33797	32.875	ng		98
70) Phenanthrene	17.54	178	281962	37.827	ng		98
71) Anthracene	17.63	178	282338	38.973	ng		97
72) Carbazole	17.91	167	285697	38.067	ng		96
73) Di-n-butylphthalate	18.43	149	383644	41.023	ng	#	96
74) Fluoranthene	19.54	202	319669	38.446	ng		98
76) Benzidine	19.72	184	192715	46.907	ng		98
77) Pyrene	19.90	202	335460	38.074	ng		99
79) Butylbenzylphthalate	20.76	149	186063	41.570	ng	#	77
80) Benzo(a)anthracene	21.62	228	357245	39.452	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	148121	40.611	ng		98
82) Chrysene	21.67	228	343509	39.546	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	271001	41.778	ng	#	91
84) Di-n-octyl phthalate	22.40	149	465259	42.676	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.36	276	446093	43.277	ng	#	96
87) Benzo(b)fluoranthene	23.26	252	363855	38.483	ng	#	95
88) Benzo(k)fluoranthene	23.31	252	363344	37.919	ng		97
89) Benzo(a)pyrene	23.87	252	353428	38.883	ng		99
90) Dibenzo(a,h)anthracene	26.36	278	378313	40.172	ng	#	95
91) Benzo(g,h,i)perylene	27.09	276	350241	39.322	ng	#	91

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

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