Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
Data File : BM015839.D
Acq On : 09 Jul 2018 12:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/10/2018 2:49:57 PM

Quant Time: Jul 09 15:04:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 05 17:39:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	73403	20.00	ng		-0.01
21) Naphthalene-d8	11.13	136	349025	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	210342	20.00	ng		-0.01
63) Phenanthrene-d10	17.64	188	482356	20.00	ng		-0.01
75) Chrysene-d12	21.76	240	556327	20.00	ng		-0.01
86) Perylene-d12	24.16	264	531064	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	322921	75.45	ng		-0.01
7) Phenol-d6	7.45	99	454172	77.51	ng		-0.01
23) Nitrobenzene-d5	9.49	82	567508	79.33	ng		-0.01
41) 2,4,6-Tribromophenol	16.40	330	221967	80.76	ng		-0.01
44) 2-Fluorobiphenyl	13.54	172	1251206	73.85	ng		-0.02
78) Terphenyl-d14	20.21	244	2253299	75.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	66873	37.778	ng	#	100
3) Pyridine	4.00	79	170999	36.607	ng	#	76
4) n-Nitrosodimethylamine	3.92	42	144810	39.814	ng	#	43
6) Aniline	7.62	93	289249	40.716	ng		90
8) 2-Chlorophenol	7.86	128	202560	39.432	ng		95
9) Benzaldehyde	7.43	77	143231	38.783	ng		88
10) Phenol	7.48	94	227418	38.626	ng		92
11) bis(2-Chloroethyl)ether	7.72	93	188145	39.283	ng		87
12) 1,3-Dichlorobenzene	8.19	146	216323	37.982	ng	#	90
13) 1,4-Dichlorobenzene	8.34	146	224357	38.093	ng		96
14) 1,2-Dichlorobenzene	8.66	146	221459	38.880	ng		94
15) Benzyl Alcohol	8.55	79	206631	40.619	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.82	45	213618	40.839	ng		97
17) 2-Methylphenol	8.75	107	166800	40.892	ng	#	87
18) Hexachloroethane	9.39	117	91027	39.087	ng		94
19) n-Nitroso-di-n-propylamine	9.12	70	198065	42.059	ng	#	81
20) 3+4-Methylphenols	9.08	107	236441	41.730	ng		89
22) Acetophenone	9.15	105	355235	39.070	ng	#	88
24) Nitrobenzene	9.53	77	274282	39.390	ng		97
25) Isophorone	10.05	82	446003	40.849	ng		94
26) 2-Nitrophenol	10.25	139	114391	38.150	ng	#	62
27) 2,4-Dimethylphenol	10.29	122	186825	41.014	ng	#	85
28) bis(2-Chloroethoxy)methane	10.53	93	280444	39.425	ng		99
29) 2,4-Dichlorophenol	10.78	162	202747	40.188	ng		98
30) 1,2,4-Trichlorobenzene	10.99	180	219218	37.411	ng	#	95
31) Naphthalene	11.18	128	696952	38.515	ng		99
32) Benzoic acid	10.45	122	132860	32.944	ng	#	85
33) 4-Chloroaniline	11.29	127	300616	40.746	ng	#	88
34) Hexachlorobutadiene	11.44	225	145010	37.081	ng		99
35) Caprolactam	12.10	113	70812	42.324	ng	#	82
36) 4-Chloro-3-methylphenol	12.40	107	239545	41.382	ng		88
37) 2-Methylnaphthalene	12.77	142	513071	39.858	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	249968	37.027	ng	#	100
40) Hexachlorocyclopentadiene	13.09	237	113880	41.319	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	164341	38.510	ng		99
43) 2,4,5-Trichlorophenol	13.44	196	171490	37.201	ng	#	84
45) 1,1'-Biphenyl	13.76	154	678545	37.311	ng		99
46) 2-Chloronaphthalene	13.81	162	508483	37.396	ng	#	90
47) 2-Nitroaniline	14.02	65	186761	39.387	ng	#	81
48) Acenaphthylene	14.65	152	877980	39.692	ng		99
49) Dimethylphthalate	14.37	163	724210	39.039	ng		99
50) 2,6-Dinitrotoluene	14.51	165	145584	40.250	ng	#	71
51) Acenaphthene	14.99	154	540881	39.296	ng		98
52) 3-Nitroaniline	14.84	138	160111	40.443	ng	#	74
53) 2,4-Dinitrophenol	15.06	184	53576	34.009	ng	#	84
54) Dibenzofuran	15.32	168	836924	39.460	ng	#	87
55) 4-Nitrophenol	15.14	139	113575	38.872	ng	#	70
56) 2,4-Dinitrotoluene	15.29	165	211888	40.577	ng		99
57) Fluorene	15.96	166	692588	39.599	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	152672	39.247	ng	#	100
59) Diethylphthalate	15.72	149	803450	40.416	ng		96
60) 4-Chlorophenyl-phenylether	15.94	204	347192	38.578	ng	#	87
61) 4-Nitroaniline	16.00	138	157296	38.299	ng	#	36
62) Azobenzene	16.23	77	787791	42.276	ng		80
64) 4,6-Dinitro-2-methylphenol	16.06	198	109173	37.230	ng		87
65) n-Nitrosodiphenylamine	16.16	169	632326	38.258	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	205595	38.175	ng	#	81
67) Hexachlorobenzene	16.96	284	230603	38.318	ng	#	78
68) Atrazine	17.09	200	208615	38.373	ng		97
69) Pentachlorophenol	17.30	266	138281	37.133	ng		98
70) Phenanthrene	17.69	178	1078260	39.073	ng		100
71) Anthracene	17.78	178	1063307	39.236	ng		99
72) Carbazole	18.05	167	1015867	40.226	ng		98
73) Di-n-butylphthalate	18.57	149	1371250	40.285	ng	#	97
74) Fluoranthene	19.67	202	1269778	40.025	ng		99
76) Benzidine	19.84	184	489432m	30.027	ng		
77) Pyrene	20.03	202	1327602	38.309	ng		99
79) Butylbenzylphthalate	20.87	149	671957	40.113	ng	#	82
80) Benzo(a)anthracene	21.74	228	1367615	38.773	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	492048	38.826	ng		99
82) Chrysene	21.80	228	1252336	38.113	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	981127	39.639	ng		95
84) Di-n-octyl phthalate	22.54	149	1686061	41.776	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1394523	45.680	ng	#	93
87) Benzo(b)fluoranthene	23.43	252	1363836	38.465	ng	#	96
88) Benzo(k)fluoranthene	23.47	252	1303790	37.854	ng		98
89) Benzo(a)pyrene	24.05	252	1221431	39.135	ng		99
90) Dibenzo(a,h)anthracene	26.63	278	1215163	43.273	ng		97
91) Benzo(g,h,i)perylene	27.39	276	1077127	43.655	ng		95

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

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