Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\
Data File : BM016636.D
Acq On : 31 Aug 2018 14:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:10 PM

Quant Time: Aug 31 15:12:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	71128	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	295592	20.00	ng		0.00
38) Acenaphthene-d10	14.64	164	226407	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	765397	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1219862	20.00	ng		0.00
86) Perylene-d12	23.80	264	1222340	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	265996	73.28	ng		0.00
7) Phenol-d6	7.17	99	381131	79.35	ng		0.00
23) Nitrobenzene-d5	9.19	82	611667	94.48	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	539385	85.22	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2101964	89.24	ng		0.00
78) Terphenyl-d14	19.97	244	5997110	104.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	87849	43.809	ng	#	100
3) Pyridine	3.80	79	148003	35.474	ng	#	82
4) n-Nitrosodimethylamine	3.72	42	84653	45.545	ng	#	63
6) Aniline	7.33	93	211369	39.326	ng	#	82
8) 2-Chlorophenol	7.56	128	180887	41.881	ng		94
9) Benzaldehyde	7.16	77	144191	43.257	ng	#	72
10) Phenol	7.20	94	186952	39.358	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	135449	38.027	ng		98
12) 1,3-Dichlorobenzene	7.88	146	220457	38.499	ng	#	84
13) 1,4-Dichlorobenzene	8.03	146	218559	37.191	ng	#	94
14) 1,2-Dichlorobenzene	8.35	146	219466	38.013	ng	#	92
15) Benzyl Alcohol	8.26	79	161328	36.169	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.52	45	95432	38.909	ng	#	35
17) 2-Methylphenol	8.46	107	140966	40.981	ng	#	73
18) Hexachloroethane	9.06	117	132383	48.898	ng	#	50
19) n-Nitroso-di-n-propylamine	8.82	70	158639	42.126	ng		89
20) 3+4-Methylphenols	8.80	107	186303	39.172	ng	#	71
22) Acetophenone	8.85	105	282693	39.716	ng	#	96
24) Nitrobenzene	9.23	77	262562	40.591	ng		91
25) Isophorone	9.74	82	377123	43.586	ng	#	90
26) 2-Nitrophenol	9.94	139	102350	37.012	ng	#	42
27) 2,4-Dimethylphenol	9.99	122	139841	38.805	ng	#	73
28) bis(2-Chloroethoxy)methane	10.22	93	208074	40.286	ng		98
29) 2,4-Dichlorophenol	10.47	162	234313	43.444	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	378498	46.249	ng	#	92
31) Naphthalene	10.85	128	560837	39.823	ng		98
32) Benzoic acid	10.20	122	108024m	35.826	ng		
33) 4-Chloroaniline	10.99	127	235572	39.746	ng	#	84
34) Hexachlorobutadiene	11.10	225	428433	54.848	ng		94
35) Caprolactam	11.82	113	53381	41.247	ng	#	66
36) 4-Chloro-3-methylphenol	12.12	107	216519	41.758	ng		85
37) 2-Methylnaphthalene	12.46	142	452133	41.009	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	607696	47.525	ng	#	100
40) Hexachlorocyclopentadiene	12.78	237	264068	53.031	ng		98

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42) 2,4,6-Trichlorophenol	13.09	196	354067	46.305	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	327325	43.824	ng	#	94
45) 1,1'-Biphenyl	13.47	154	715877	36.060	ng		99
46) 2-Chloronaphthalene	13.52	162	598526	37.109	ng		94
47) 2-Nitroaniline	13.76	65	170800	39.758	ng	#	78
48) Acenaphthylene	14.37	152	847840	37.240	ng		99
49) Dimethylphthalate	14.10	163	850879	39.118	ng	#	97
50) 2,6-Dinitrotoluene	14.24	165	168377	39.687	ng	#	62
51) Acenaphthene	14.70	154	513601	36.720	ng		99
52) 3-Nitroaniline	14.59	138	138491	35.875	ng	#	75
53) 2,4-Dinitrophenol	14.83	184	80915	38.110	ng	#	76
54) Dibenzofuran	15.04	168	1060230	39.597	ng	#	89
55) 4-Nitrophenol	14.92	139	84331	34.250	ng	#	77
56) 2,4-Dinitrotoluene	15.04	165	263536	37.251	ng	#	81
57) Fluorene	15.69	166	812285	40.159	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	355589	49.533	ng	#	100
59) Diethylphthalate	15.46	149	874766	38.570	ng	#	93
60) 4-Chlorophenyl-phenylether	15.67	204	818384	48.246	ng	#	83
61) 4-Nitroaniline	15.76	138	128280	34.001	ng	#	1
62) Azobenzene	15.97	77	1103066	45.663	ng		90
64) 4,6-Dinitro-2-methylphenol	15.82	198	207498	35.679	ng	#	56
65) n-Nitrosodiphenylamine	15.90	169	771998	35.853	ng		97
66) 4-Bromophenyl-phenylether	16.57	248	516262	43.898	ng		96
67) Hexachlorobenzene	16.69	284	582309	42.458	ng		93
68) Atrazine	16.84	200	425730	43.324	ng		93
69) Pentachlorophenol	17.04	266	291925	40.228	ng		96
70) Phenanthrene	17.43	178	1474333	37.268	ng		99
71) Anthracene	17.52	178	1463594	37.258	ng		98
72) Carbazole	17.80	167	1203788	34.099	ng		97
73) Di-n-butylphthalate	18.32	149	1559778	36.241	ng	#	96
74) Fluoranthene	19.43	202	2378759	41.010	ng		94
76) Benzidine	19.62	184	818149	34.875	ng		98
77) Pyrene	19.79	202	2556751	38.566	ng		99
79) Butylbenzylphthalate	20.65	149	802900	35.087	ng	#	70
80) Benzo(a)anthracene	21.51	228	2862516	39.914	ng		98
81) 3,3'-Dichlorobenzidine	21.44	252	1130293	35.406	ng	#	95
82) Chrysene	21.56	228	2679259	39.154	ng		99
83) Bis(2-ethylhexyl)phthalate	21.40	149	1177140	34.603	ng	#	96
84) Di-n-octyl phthalate	22.29	149	1910437	33.793	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.11	276	3214161	32.662	ng	#	92
87) Benzo(b)fluoranthene	23.12	252	2833016	40.206	ng	#	89
88) Benzo(k)fluoranthene	23.16	252	2920480	40.735	ng	#	92
89) Benzo(a)pyrene	23.71	252	2693590	39.288	ng	#	94
90) Dibenzo(a,h)anthracene	26.11	278	2723279	35.442	ng	#	86
91) Benzo(g,h,i)perylene	26.83	276	2457595	35.632	ng	#	80

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

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