Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
Data File : BM016598.D
Acq On : 27 Aug 2018 10:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/27/2018 5:00:55 PM

Quant Time: Aug 27 12:57:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 24 10:59:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	78191	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	308781	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	243117	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	836893	20.00	ng		0.00
75) Chrysene-d12	21.53	240	1316866	20.00	ng		0.00
86) Perylene-d12	23.82	264	1370715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	271993	68.17	ng		0.00
7) Phenol-d6	7.18	99	366099	69.34	ng		0.00
23) Nitrobenzene-d5	9.19	82	589825	87.22	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	559854	82.38	ng		0.00
44) 2-Fluorobiphenyl	13.26	172	2165454	85.62	ng		0.00
78) Terphenyl-d14	19.98	244	5890448	94.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	84481	38.324	ng	#	100
3) Pyridine	3.80	79	158730	34.609	ng	#	81
4) n-Nitrosodimethylamine	3.72	42	80816	39.553	ng	#	72
6) Aniline	7.34	93	213178	36.080	ng	#	87
8) 2-Chlorophenol	7.57	128	179269	37.757	ng		97
9) Benzaldehyde	7.16	77	148711	40.583	ng	#	77
10) Phenol	7.21	94	184078	35.252	ng		88
11) bis(2-Chloroethyl)ether	7.43	93	142458	36.382	ng		98
12) 1,3-Dichlorobenzene	7.89	146	231391	36.758	ng	#	88
13) 1,4-Dichlorobenzene	8.04	146	234583	36.312	ng		93
14) 1,2-Dichlorobenzene	8.35	146	232108	36.571	ng		95
15) Benzyl Alcohol	8.27	79	187670	38.274	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.53	45	93518	34.685	ng	#	36
17) 2-Methylphenol	8.46	107	140369	37.122	ng	#	74
18) Hexachloroethane	9.06	117	126972	42.663	ng	#	38
19) n-Nitroso-di-n-propylamine	8.82	70	152809	36.913	ng	#	87
20) 3+4-Methylphenols	8.80	107	174814	33.436	ng	#	78
22) Acetophenone	8.85	105	277891	37.374	ng	#	98
24) Nitrobenzene	9.23	77	269563	39.894	ng		93
25) Isophorone	9.75	82	368132	40.729	ng	#	93
26) 2-Nitrophenol	9.95	139	111899	38.737	ng	#	44
27) 2,4-Dimethylphenol	10.00	122	137552	36.539	ng	#	71
28) bis(2-Chloroethoxy)methane	10.23	93	205666	38.119	ng		98
29) 2,4-Dichlorophenol	10.48	162	241420	42.850	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	410241	47.986	ng	#	95
31) Naphthalene	10.86	128	559675	38.043	ng		97
32) Benzoic acid	10.20	122	108611m	34.483	ng		
33) 4-Chloroaniline	11.00	127	231670	37.418	ng	#	83
34) Hexachlorobutadiene	11.11	225	439041	53.805	ng		98
35) Caprolactam	11.82	113	51007	37.729	ng	#	56
36) 4-Chloro-3-methylphenol	12.12	107	205638	37.965	ng		96
37) 2-Methylnaphthalene	12.47	142	447970	38.896	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	630294	45.904	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	235549	46.289	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	371399	45.233	ng		95
43) 2,4,5-Trichlorophenol	13.17	196	375373m	46.802	ng		
45) 1,1'-Biphenyl	13.47	154	744514	34.925	ng		98
46) 2-Chloronaphthalene	13.53	162	623212	35.984	ng		96
47) 2-Nitroaniline	13.76	65	167277	36.262	ng		82
48) Acenaphthylene	14.37	152	855219	34.982	ng		98
49) Dimethylphthalate	14.11	163	887649	38.004	ng	#	98
50) 2,6-Dinitrotoluene	14.25	165	176228	38.682	ng	#	67
51) Acenaphthene	14.71	154	535673	35.666	ng		96
52) 3-Nitroaniline	14.60	138	134604	32.472	ng	#	81
53) 2,4-Dinitrophenol	14.83	184	86985	38.153	ng	#	71
54) Dibenzofuran	15.05	168	1105811	38.461	ng	#	91
55) 4-Nitrophenol	14.92	139	96836	36.626	ng		88
56) 2,4-Dinitrotoluene	15.05	165	280016	36.860	ng	#	95
57) Fluorene	15.70	166	831684	38.292	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	355642	46.135	ng	#	100
59) Diethylphthalate	15.46	149	893260	36.678	ng		96
60) 4-Chlorophenyl-phenylether	15.68	204	823276	45.199	ng	#	83
61) 4-Nitroaniline	15.76	138	139508	34.436	ng	#	1
62) Azobenzene	15.97	77	1061151	40.908	ng		91
64) 4,6-Dinitro-2-methylphenol	15.82	198	212976	33.493	ng	#	54
65) n-Nitrosodiphenylamine	15.90	169	809003	34.362	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	533293	41.472	ng		97
67) Hexachlorobenzene	16.69	284	603296	40.230	ng	#	92
68) Atrazine	16.85	200	449294	41.816	ng		93
69) Pentachlorophenol	17.04	266	302873	38.171	ng		100
70) Phenanthrene	17.43	178	1566432	36.214	ng		100
71) Anthracene	17.52	178	1513848	35.245	ng		98
72) Carbazole	17.80	167	1270791	32.922	ng		98
73) Di-n-butylphthalate	18.33	149	1557783	33.102	ng	#	97
74) Fluoranthene	19.43	202	2492087	39.294	ng		94
76) Benzidine	19.62	184	874152	34.518	ng		100
77) Pyrene	19.79	202	2683267	37.493	ng		100
79) Butylbenzylphthalate	20.66	149	797527	32.285	ng	#	69
80) Benzo(a)anthracene	21.52	228	2969532	38.356	ng		100
81) 3,3'-Dichlorobenzidine	21.45	252	1217963	35.342	ng	#	96
82) Chrysene	21.57	228	2803684	37.955	ng		99
83) Bis(2-ethylhexyl)phthalate	21.41	149	1192429m	32.470	ng		
84) Di-n-octyl phthalate	22.29	149	1974002m	32.346	ng		
85) Indeno(1,2,3-cd)pyrene	26.13	276	3467051	32.637	ng	#	91
87) Benzo(b)fluoranthene	23.13	252	3161255	40.008	ng	#	90
88) Benzo(k)fluoranthene	23.17	252	3016109	37.515	ng	#	93
89) Benzo(a)pyrene	23.72	252	2890330	37.594	ng	#	94
90) Dibenzo(a,h)anthracene	26.13	278	2898233	33.636	ng	#	87
91) Benzo(g,h,i)perylene	26.84	276	2669807	34.518	ng	#	80

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

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