Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071118\
Data File : BM015885.D
Acq On : 11 Jul 2018 12:47
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/12/2018 5:30:43 PM

Quant Time: Jul 11 14:12:47 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	8.29	152	90916	20.00	ng		-0.02
21) Naphthalene-d8	11.12	136	387174	20.00	ng		-0.02
38) Acenaphthene-d10	14.92	164	204981	20.00	ng		-0.02
63) Phenanthrene-d10	17.64	188	417717	20.00	ng		-0.02
75) Chrysene-d12	21.75	240	433900	20.00	ng		-0.02
86) Perylene-d12	24.14	264	422078	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.79	112	432169	81.52	ng		-0.02
7) Phenol-d6	7.45	99	572730	78.91	ng		-0.02
23) Nitrobenzene-d5	9.48	82	644573	81.23	ng		-0.02
41) 2,4,6-Tribromophenol	16.40	330	200626	74.91	ng		-0.02
44) 2-Fluorobiphenyl	13.54	172	1301415	78.82	ng		-0.02
78) Terphenyl-d14	20.20	244	1863138	79.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	88816	40.509	ng	#	100
3) Pyridine	4.00	79	221107	38.217	ng	#	75
4) n-Nitrosodimethylamine	3.91	42	188436	41.828	ng	#	44
6) Aniline	7.62	93	336451	38.238	ng		92
8) 2-Chlorophenol	7.85	128	249135	39.157	ng		97
9) Benzaldehyde	7.43	77	176245	38.530	ng		92
10) Phenol	7.47	94	284565	39.022	ng		92
11) bis(2-Chloroethyl)ether	7.71	93	225916	38.083	ng		88
12) 1,3-Dichlorobenzene	8.17	146	275152	39.005	ng	#	91
13) 1,4-Dichlorobenzene	8.33	146	282186	38.683	ng	#	95
14) 1,2-Dichlorobenzene	8.65	146	270723	38.373	ng	#	95
15) Benzyl Alcohol	8.55	79	231265	36.704	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.82	45	242119	37.371	ng		99
17) 2-Methylphenol	8.74	107	193159	38.232	ng	#	86
18) Hexachloroethane	9.37	117	115950	40.198	ng		96
19) n-Nitroso-di-n-propylamine	9.11	70	216576	37.131	ng	#	80
20) 3+4-Methylphenols	9.07	107	267514	38.119	ng		90
22) Acetophenone	9.13	105	396609	39.323	ng	#	88
24) Nitrobenzene	9.52	77	310258	40.166	ng		97
25) Isophorone	10.05	82	473245	39.073	ng		95
26) 2-Nitrophenol	10.24	139	132740	39.908	ng	#	64
27) 2,4-Dimethylphenol	10.28	122	194810	38.553	ng	#	85
28) bis(2-Chloroethoxy)methane	10.52	93	300557	38.089	ng		99
29) 2,4-Dichlorophenol	10.77	162	221699	39.615	ng		99
30) 1,2,4-Trichlorobenzene	10.98	180	252698	38.876	ng		97
31) Naphthalene	11.17	128	782487	38.981	ng		100
32) Benzoic acid	10.45	122	164939m	36.868	ng		
33) 4-Chloroaniline	11.29	127	312123	38.138	ng	#	87
34) Hexachlorobutadiene	11.43	225	168449	38.831	ng		98
35) Caprolactam	12.09	113	68222	36.758	ng		86
36) 4-Chloro-3-methylphenol	12.39	107	243338	37.895	ng		88
37) 2-Methylnaphthalene	12.76	142	540201	37.831	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	261123	39.691	ng	#	100
40) Hexachlorocyclopentadiene	13.08	237	125707	45.547	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	170604	41.024	ng		98
43) 2,4,5-Trichlorophenol	13.44	196	178179	39.662	ng	#	84
45) 1,1'-Biphenyl	13.75	154	700373	39.519	ng		99
46) 2-Chloronaphthalene	13.80	162	527328	39.796	ng	#	91
47) 2-Nitroaniline	14.02	65	183404	39.690	ng	#	80
48) Acenaphthylene	14.65	152	853001	39.572	ng		98
49) Dimethylphthalate	14.37	163	683192	37.792	ng		100
50) 2,6-Dinitrotoluene	14.50	165	137456	38.997	ng	#	71
51) Acenaphthene	14.98	154	520589	38.811	ng		97
52) 3-Nitroaniline	14.83	138	145892	37.815	ng	#	77
53) 2,4-Dinitrophenol	15.05	184	48661m	32.172	ng		
54) Dibenzofuran	15.31	168	788291	38.139	ng	#	86
55) 4-Nitrophenol	15.14	139	101565	35.670	ng	#	73
56) 2,4-Dinitrotoluene	15.29	165	187269	36.800	ng		99
57) Fluorene	15.96	166	641348	37.629	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.53	232	142529	37.598	ng	#	100
59) Diethylphthalate	15.71	149	733151	37.845	ng		95
60) 4-Chlorophenyl-phenylether	15.93	204	327408	37.331	ng	#	86
61) 4-Nitroaniline	15.99	138	138379	34.575	ng	#	35
62) Azobenzene	16.23	77	717613	39.517	ng		79
64) 4,6-Dinitro-2-methylphenol	16.05	198	91026	35.845	ng		87
65) n-Nitrosodiphenylamine	16.16	169	575214	40.188	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	182653	39.163	ng	#	80
67) Hexachlorobenzene	16.95	284	206276	39.580	ng	#	80
68) Atrazine	17.09	200	173271	36.804	ng		99
69) Pentachlorophenol	17.29	266	121132	37.562	ng		96
70) Phenanthrene	17.68	178	917114	38.376	ng		98
71) Anthracene	17.77	178	934291	39.810	ng		98
72) Carbazole	18.04	167	861666	39.400	ng		98
73) Di-n-butylphthalate	18.56	149	1264272	42.890	ng	#	97
74) Fluoranthene	19.66	202	1040077	37.858	ng		99
76) Benzidine	19.84	184	431426	33.936	ng		99
77) Pyrene	20.02	202	1083747	40.096	ng		99
79) Butylbenzylphthalate	20.87	149	545083	41.720	ng	#	81
80) Benzo(a)anthracene	21.73	228	1056988	38.421	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	383882	38.837	ng		99
82) Chrysene	21.79	228	971365	37.904	ng		100
83) Bis(2-ethylhexyl)phthalate	21.62	149	793231	41.090	ng		94
84) Di-n-octyl phthalate	22.53	149	1296949	41.202	ng	#	89
85) Indeno(1,2,3-cd)pyrene	26.61	276	1170951	49.179	ng	#	93
87) Benzo(b)fluoranthene	23.42	252	1020053	36.198	ng	#	97
88) Benzo(k)fluoranthene	23.46	252	1025726	37.471	ng		98
89) Benzo(a)pyrene	24.04	252	955219	38.508	ng		99
90) Dibenzo(a,h)anthracene	26.61	278	1010817	45.290	ng		98
91) Benzo(g,h,i)perylene	27.37	276	914610	46.640	ng		95

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

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