Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
Data File : BM022475.D
Acq On : 01 Sep 2019 13:46
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/6/2019 8:16:35 AM

Quant Time: Sep 02 03:57:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 02 03:54:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	19485	20.00	ng		0.00
21) Naphthalene-d8	10.28	136	83554	20.00	ng		0.00
39) Acenaphthene-d10	14.17	164	57272	20.00	ng		0.00
64) Phenanthrene-d10	16.94	188	124907	20.00	ng		0.00
76) Chrysene-d12	21.16	240	135352	20.00	ng		0.00
87) Perylene-d12	23.34	264	122073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	94106	84.78	ng		0.00
7) Phenol-d6	6.71	99	122202	82.32	ng		0.00
23) Nitrobenzene-d5	8.68	82	156040	81.80	ng		0.00
42) 2,4,6-Tribromophenol	15.69	330	82316	70.24	ng		0.00
45) 2-Fluorobiphenyl	12.77	172	398199	78.76	ng		0.00
79) Terphenyl-d14	19.59	244	875340	85.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	20813	40.632	ng		96
3) Pyridine	3.52	79	51905	42.126	ng		97
4) n-Nitrosodimethylamine	3.45	42	35113	41.334	ng		97
6) Aniline	6.86	93	78360	41.421	ng		99
8) 2-Chlorophenol	7.08	128	52790	41.316	ng		99
9) Benzaldehyde	6.69	77	40652	43.956	ng		98
10) Phenol	6.73	94	61488	41.232	ng		98
11) bis(2-Chloroethyl)ether	6.96	93	49809	44.258	ng		99
12) 1,3-Dichlorobenzene	7.39	146	65485	42.241	ng		99
13) 1,4-Dichlorobenzene	7.55	146	65164	41.485	ng		99
14) 1,2-Dichlorobenzene	7.85	146	65684	41.711	ng		95
15) Benzyl Alcohol	7.78	79	58341	41.427	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.04	45	65182	44.693	ng		96
17) 2-Methylphenol	7.97	107	44556	41.084	ng		97
18) Hexachloroethane	8.55	117	31665	43.478	ng		94
19) n-Nitroso-di-n-propylamine	8.33	70	47496	41.226	ng		99
20) 3+4-Methylphenols	8.30	107	60597	41.147	ng		96
22) Acetophenone	8.35	105	92974	40.297	ng	#	96
24) Nitrobenzene	8.72	77	77179	42.027	ng		99
25) Isophorone	9.24	82	128738	42.980	ng		98
26) 2-Nitrophenol	9.42	139	30747	41.798	ng		99
27) 2,4-Dimethylphenol	9.49	122	45461	41.431	ng		97
28) bis(2-Chloroethoxy)methane	9.72	93	72221	41.670	ng		97
29) 2,4-Dichlorophenol	9.96	162	56495	39.351	ng		93
30) 1,2,4-Trichlorobenzene	10.15	180	71328	39.016	ng		98
31) Naphthalene	10.33	128	178690	41.116	ng		99
32) Benzoic acid	9.69	122	38550	44.604	ng		93
33) 4-Chloroaniline	10.48	127	75021	40.119	ng		98
34) Hexachlorobutadiene	10.58	225	73533	40.779	ng		97
35) Caprolactam	11.32	113	15629m	42.830	ng		
36) 4-Chloro-3-methylphenol	11.61	107	61653	40.744	ng		97
37) 2-Methylnaphthalene	11.95	142	130153	39.409	ng		99
38) 1-Methylnaphthalene	12.18	142	127600	40.030	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	107218	39.446	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	38321	40.811	ng	99
43) 2,4,6-Trichlorophenol	12.60	196	59386	40.478	ng	98
44) 2,4,5-Trichlorophenol	12.68	196	56370	38.749	ng	96
46) 1,1'-Biphenyl	12.99	154	188088	40.193	ng	98
47) 2-Chloronaphthalene	13.03	162	149129	40.134	ng	99
48) 2-Nitroaniline	13.29	65	49569	41.420	ng	99
49) Acenaphthylene	13.89	152	224383	40.011	ng	98
50) Dimethylphthalate	13.65	163	205414	41.237	ng	100
51) 2,6-Dinitrotoluene	13.79	165	39310	40.173	ng	99
52) Acenaphthene	14.23	154	134067	39.861	ng	100
53) 3-Nitroaniline	14.13	138	38597	41.080	ng	91
54) 2,4-Dinitrophenol	14.37	184	19124	37.423	ng	93
55) Dibenzofuran	14.58	168	222596	39.287	ng	97
56) 4-Nitrophenol	14.47	139	21011	36.856	ng	95
57) 2,4-Dinitrotoluene	14.60	165	54833	38.977	ng	96
58) Fluorene	15.23	166	192589	38.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	65186	39.760	ng	97
60) Diethylphthalate	15.02	149	217948	41.888	ng	98
61) 4-Chlorophenyl-phenylether	15.23	204	133785	38.435	ng	96
62) 4-Nitroaniline	15.32	138	34509	39.242	ng	94
63) Azobenzene	15.53	77	225228	43.365	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	30427	40.823	ng	92
66) n-Nitrosodiphenylamine	15.46	169	156353	41.461	ng	98
67) 4-Bromophenyl-phenylether	16.13	248	80485	40.954	ng	92
68) Hexachlorobenzene	16.23	284	89886	40.378	ng	97
69) Atrazine	16.43	200	68185	42.467	ng	96
70) Pentachlorophenol	16.60	266	38840	39.007	ng	97
71) Phenanthrene	16.98	178	292123	40.122	ng	99
72) Anthracene	17.07	178	290362	40.534	ng	98
73) Carbazole	17.37	167	233605	39.452	ng	98
74) Di-n-butylphthalate	17.91	149	373191	46.480	ng	99
75) Fluoranthene	19.02	202	387018	39.916	ng	98
77) Benzidine	19.23	184	103585	45.449	ng	100
78) Pyrene	19.38	202	390770	42.363	ng	99
80) Butylbenzylphthalate	20.29	149	159335	49.496	ng	98
81) Benzo(a)anthracene	21.14	228	399141	41.085	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	123824	41.089	ng	98
83) Chrysene	21.20	228	371194	40.142	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	226083	51.723	ng	100
85) Di-n-octyl phthalate	21.92	149	363848	51.830	ng	100
86) Indeno(1,2,3-cd)pyrene	25.52	276	365867	39.335	ng	98
88) Benzo(b)fluoranthene	22.69	252	334709	39.468	ng	98
89) Benzo(k)fluoranthene	22.73	252	337640	40.134	ng	97
90) Benzo(a)pyrene	23.25	252	302141	40.139	ng	97
91) Dibenzo(a,h)anthracene	25.52	278	299069	39.845	ng	98
92) Benzo(g,h,i)perylene	26.19	276	266565	40.749	ng	98

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

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