Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020248.D
Acq On : 10 May 2019 20:41
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/13/2019 8:25:21 AM

Quant Time: May 11 02:13:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	54100	20.00	ng		-0.02
21) Naphthalene-d8	10.57	136	248567	20.00	ng		-0.02
39) Acenaphthene-d10	14.42	164	174317	20.00	ng		-0.01
64) Phenanthrene-d10	17.17	188	447386	20.00	ng		-0.01
76) Chrysene-d12	21.36	240	539021	20.00	ng		-0.01
87) Perylene-d12	23.64	264	632295	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	269916	81.55	ng		-0.02
7) Phenol-d6	6.94	99	408388	90.32	ng		-0.01
23) Nitrobenzene-d5	8.94	82	497606	79.04	ng		-0.02
42) 2,4,6-Tribromophenol	15.92	330	247586	91.50	ng		0.00
45) 2-Fluorobiphenyl	13.04	172	1093259	77.16	ng		-0.02
79) Terphenyl-d14	19.79	244	2332196	75.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	60253	37.119	ng		92
3) Pyridine	3.69	79	193297	46.561	ng		98
4) n-Nitrosodimethylamine	3.61	42	50336	37.811	ng	#	64
6) Aniline	7.11	93	267187	46.943	ng		98
8) 2-Chlorophenol	7.34	128	157603	43.733	ng		96
9) Benzaldehyde	6.93	77	139791	40.848	ng		95
10) Phenol	6.97	94	222687	45.749	ng		90
11) bis(2-Chloroethyl)ether	7.20	93	162236	45.857	ng		94
12) 1,3-Dichlorobenzene	7.66	146	173077	41.278	ng		96
13) 1,4-Dichlorobenzene	7.81	146	173868	41.048	ng		97
14) 1,2-Dichlorobenzene	8.12	146	171001	42.375	ng		97
15) Benzyl Alcohol	8.02	79	187123	42.919	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	128833	43.917	ng		99
17) 2-Methylphenol	8.21	107	147652	47.122	ng		94
18) Hexachloroethane	8.84	117	70238	39.770	ng		98
19) n-Nitroso-di-n-propylamine	8.58	70	182219	47.105	ng		95
20) 3+4-Methylphenols	8.54	107	199868	47.994	ng		96
22) Acetophenone	8.60	105	274120	40.351	ng		97
24) Nitrobenzene	8.98	77	256517	39.295	ng		95
25) Isophorone	9.50	82	463705	42.709	ng		99
26) 2-Nitrophenol	9.69	139	97692	49.570	ng		93
27) 2,4-Dimethylphenol	9.74	122	135230	41.216	ng		98
28) bis(2-Chloroethoxy)methane	9.98	93	248916	42.094	ng		99
29) 2,4-Dichlorophenol	10.22	162	178747	43.204	ng		97
30) 1,2,4-Trichlorobenzene	10.43	180	201048	39.493	ng		99
31) Naphthalene	10.62	128	524389	40.653	ng		99
32) Benzoic acid	9.89	122	100258	43.643	ng		95
33) 4-Chloroaniline	10.73	127	233080	43.902	ng		96
34) Hexachlorobutadiene	10.88	225	132921	36.910	ng		95
35) Caprolactam	11.55	113	65712m	53.117	ng		
36) 4-Chloro-3-methylphenol	11.86	107	215614	44.347	ng		96
37) 2-Methylnaphthalene	12.23	142	407552	43.339	ng		96
38) 1-Methylnaphthalene	12.45	142	400879	43.594	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	255135	37.410	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	128791	32.073	ng		99
43) 2,4,6-Trichlorophenol	12.85	196	164956	42.559	ng		100
44) 2,4,5-Trichlorophenol	12.92	196	178830	41.300	ng		96
46) 1,1'-Biphenyl	13.25	154	565466	39.411	ng		99
47) 2-Chloronaphthalene	13.29	162	453332	39.573	ng		98
48) 2-Nitroaniline	13.51	65	169287	41.508	ng		90
49) Acenaphthylene	14.14	152	747026	40.746	ng		99
50) Dimethylphthalate	13.88	163	600089	40.504	ng		99
51) 2,6-Dinitrotoluene	14.01	165	134797	43.198	ng		89
52) Acenaphthene	14.49	154	426950	40.610	ng		98
53) 3-Nitroaniline	14.34	138	129081	44.569	ng		98
54) 2,4-Dinitrophenol	14.55	184	69678	48.330	ng		90
55) Dibenzofuran	14.82	168	722492	40.741	ng		98
56) 4-Nitrophenol	14.65	139	110195	44.595	ng		87
57) 2,4-Dinitrotoluene	14.80	165	195062	46.004	ng		92
58) Fluorene	15.47	166	602837	41.391	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.05	232	177496	43.136	ng		96
60) Diethylphthalate	15.24	149	605112	40.539	ng		100
61) 4-Chlorophenyl-phenylether	15.46	204	330705	40.075	ng		95
62) 4-Nitroaniline	15.51	138	145097	45.397	ng		93
63) Azobenzene	15.76	77	679290	38.576	ng		97
65) 4,6-Dinitro-2-methylphenol	15.56	198	106685	47.372	ng		97
66) n-Nitrosodiphenylamine	15.68	169	530952	40.332	ng		99
67) 4-Bromophenyl-phenylether	16.36	248	216607	39.483	ng		95
68) Hexachlorobenzene	16.46	284	253255	40.116	ng		97
69) Atrazine	16.63	200	192141	37.348	ng		97
70) Pentachlorophenol	16.81	266	163056	45.142	ng		97
71) Phenanthrene	17.21	178	1019278	41.273	ng		99
72) Anthracene	17.30	178	1009286	40.876	ng		99
73) Carbazole	17.58	167	936461	42.032	ng		98
74) Di-n-butylphthalate	18.13	149	1089645	40.640	ng		98
75) Fluoranthene	19.23	202	1328784	42.525	ng		99
77) Benzidine	19.42	184	657129	38.132	ng		99
78) Pyrene	19.59	202	1389025	38.382	ng		100
80) Butylbenzylphthalate	20.49	149	547022	41.566	ng		98
81) Benzo(a)anthracene	21.34	228	1540291	40.747	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	601300	41.677	ng		99
83) Chrysene	21.40	228	1488960	40.614	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	810760	39.702	ng		98
85) Di-n-octyl phthalate	22.14	149	1462287	43.083	ng		97
86) Indeno(1,2,3-cd)pyrene	25.98	276	1738282	39.862	ng	#	100
88) Benzo(b)fluoranthene	22.95	252	1639766	39.273	ng		99
89) Benzo(k)fluoranthene	23.00	252	1566124	41.120	ng		100
90) Benzo(a)pyrene	23.54	252	1530124	40.345	ng		99
91) Dibenzo(a,h)anthracene	25.99	278	1486820	37.697	ng		100
92) Benzo(g,h,i)perylene	26.70	276	1347846	35.995	ng		99

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

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