Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024109.D
Acq On : 16 Dec 2019 15:33
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
12/17/2019 3:20:09 PM

Quant Time: Dec 16 17:58:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 17:25:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	317875	20.00	ng		0.00
21) Naphthalene-d8	10.23	136	1427253	20.00	ng		0.00
39) Acenaphthene-d10	14.12	164	949857	20.00	ng		0.00
64) Phenanthrene-d10	16.87	188	2081571	20.00	ng		0.00
76) Chrysene-d12	21.08	240	2149158	20.00	ng		0.00
87) Perylene-d12	23.22	264	2575827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	386191	19.27	ng		0.00
7) Phenol-d6	6.65	99	562274	21.84	ng		0.00
23) Nitrobenzene-d5	8.61	82	618969	24.07	ng		0.00
42) 2,4,6-Tribromophenol	15.62	330	259602	21.89	ng		0.00
45) 2-Fluorobiphenyl	12.73	172	1436762	20.83	ng		0.00
79) Terphenyl-d14	19.52	244	2482710	22.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	86779	10.760	ng	#	100
3) Pyridine	3.46	79	223917	10.533	ng		97
4) n-Nitrosodimethylamine	3.37	42	73151	9.453	ng	#	94
6) Aniline	6.80	93	362575	11.746	ng		99
8) 2-Chlorophenol	7.03	128	222186	10.880	ng		98
9) Benzaldehyde	6.62	77	192000	13.099	ng		98
10) Phenol	6.68	94	294330	12.144	ng		96
11) bis(2-Chloroethyl)ether	6.90	93	231008	12.132	ng		99
12) 1,3-Dichlorobenzene	7.35	146	264972	10.856	ng		98
13) 1,4-Dichlorobenzene	7.49	146	269869	10.922	ng		99
14) 1,2-Dichlorobenzene	7.80	146	261192	11.088	ng		98
15) Benzyl Alcohol	7.71	79	207540	12.884	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	307417	11.114	ng		98
17) 2-Methylphenol	7.92	107	196857	12.271	ng		95
18) Hexachloroethane	8.52	117	96231	10.618	ng		99
19) n-Nitroso-di-n-propylamine	8.27	70	218056	15.169	ng		99
20) 3+4-Methylphenols	8.25	107	268904	12.585	ng		97
22) Acetophenone	8.29	105	397142	11.273	ng	#	97
24) Nitrobenzene	8.65	77	310992	12.642	ng		98
25) Isophorone	9.18	82	545035	12.892	ng		98
26) 2-Nitrophenol	9.36	139	116861	11.004	ng		98
27) 2,4-Dimethylphenol	9.43	122	183013	10.294	ng		99
28) bis(2-Chloroethoxy)methane	9.66	93	361740	12.365	ng		99
29) 2,4-Dichlorophenol	9.89	162	214958	10.694	ng		99
30) 1,2,4-Trichlorobenzene	10.09	180	262100	10.598	ng		98
31) Naphthalene	10.27	128	789926	11.201	ng		99
32) Benzoic acid	9.56	122	138899m	12.138	ng		
33) 4-Chloroaniline	10.40	127	323826	10.576	ng		99
34) Hexachlorobutadiene	10.56	225	153660	10.423	ng		97
35) Caprolactam	11.20	113	76398m	12.820	ng		
36) 4-Chloro-3-methylphenol	11.55	107	262689	13.395	ng		98
37) 2-Methylnaphthalene	11.90	142	582448	11.865	ng		100
38) 1-Methylnaphthalene	12.13	142	558963	11.996	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	293513	9.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	60223	3.429	ng		99
43) 2,4,6-Trichlorophenol	12.54	196	187363	10.086	ng		98
44) 2,4,5-Trichlorophenol	12.62	196	189214	9.775	ng		98
46) 1,1'-Biphenyl	12.94	154	797697	10.147	ng		99
47) 2-Chloronaphthalene	12.97	162	623983	10.649	ng		98
48) 2-Nitroaniline	13.20	65	185730	12.173	ng		99
49) Acenaphthylene	13.83	152	948075	10.927	ng		99
50) Dimethylphthalate	13.59	163	810638	11.809	ng		100
51) 2,6-Dinitrotoluene	13.71	165	163838	11.411	ng		97
52) Acenaphthene	14.18	154	587186	10.344	ng		99
53) 3-Nitroaniline	14.05	138	167065	10.107	ng		97
54) 2,4-Dinitrophenol	14.27	184	58918	8.691	ng		91
55) Dibenzofuran	14.52	168	940762	11.352	ng		99
56) 4-Nitrophenol	14.38	139	112391	8.846	ng		98
57) 2,4-Dinitrotoluene	14.51	165	221886	11.796	ng		93
58) Fluorene	15.17	166	768101	11.406	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	183762	10.885	ng		97
60) Diethylphthalate	14.97	149	811400	12.157	ng		99
61) 4-Chlorophenyl-phenylether	15.17	204	383671	11.088	ng		96
62) 4-Nitroaniline	15.22	138	164212m	9.476	ng		
63) Azobenzene	15.47	77	799771	13.269	ng		97
65) 4,6-Dinitro-2-methylphenol	15.29	198	98365	10.090	ng		94
66) n-Nitrosodiphenylamine	15.39	169	671029	10.552	ng		100
67) 4-Bromophenyl-phenylether	16.07	248	244006	10.539	ng		99
68) Hexachlorobenzene	16.19	284	302716	11.212	ng		100
69) Atrazine	16.36	200	212141	10.262	ng		98
70) Pentachlorophenol	16.53	266	126453	8.782	ng		99
71) Phenanthrene	16.92	178	1262702	10.751	ng		99
72) Anthracene	17.00	178	1182041	10.384	ng		99
73) Carbazole	17.29	167	1105371	10.435	ng		99
74) Di-n-butylphthalate	17.86	149	1334110	11.107	ng		99
75) Fluoranthene	18.94	202	1422372	10.732	ng		99
77) Benzidine	19.14	184	344880	5.850	ng		98
78) Pyrene	19.31	202	1483600	10.534	ng		98
80) Butylbenzylphthalate	20.23	149	614768	11.485	ng		99
81) Benzo(a)anthracene	21.07	228	1512266	10.857	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	518085	10.488	ng		100
83) Chrysene	21.12	228	1480108	10.961	ng		99
84) Bis(2-ethylhexyl)phthalate	21.02	149	903730	11.395	ng		99
85) Di-n-octyl phthalate	21.87	149	1498824	11.857	ng		99
86) Indeno(1,2,3-cd)pyrene	25.33	276	1896659	11.768	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	1624167	10.414	ng		99
89) Benzo(k)fluoranthene	22.63	252	1634225	10.561	ng		99
90) Benzo(a)pyrene	23.12	252	1506615	10.484	ng		99
91) Dibenzo(a,h)anthracene	25.33	278	1563829	10.403	ng		99
92) Benzo(g,h,i)perylene	25.96	276	1536223	10.760	ng		99

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

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