Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121619\
Data File : BM024110.D
Acq On : 16 Dec 2019 16:09
Operator : JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

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

Quant Time: Dec 16 17:56:50 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	335385	20.00	ng	0.00
21) Naphthalene-d8	10.23	136	1531152	20.00	ng	0.00
39) Acenaphthene-d10	14.12	164	1023178	20.00	ng	0.00
64) Phenanthrene-d10	16.87	188	2227595	20.00	ng	0.00
76) Chrysene-d12	21.09	240	2281814	20.00	ng	0.00
87) Perylene-d12	23.21	264	2707070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	793352	37.52	ng	0.00
7) Phenol-d6	6.65	99	1193677	43.95	ng	0.00
23) Nitrobenzene-d5	8.61	82	1315612	47.70	ng	0.00
42) 2,4,6-Tribromophenol	15.62	330	572973	44.86	ng	0.00
45) 2-Fluorobiphenyl	12.73	172	2980636	40.11	ng	0.00
79) Terphenyl-d14	19.53	244	5124063	43.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	173464	20.386	ng	# 100
3) Pyridine	3.45	79	508830	22.686	ng	99
4) n-Nitrosodimethylamine	3.36	42	147861	18.109	ng	98
6) Aniline	6.80	93	777655	23.878	ng	99
8) 2-Chlorophenol	7.03	128	464673	21.567	ng	100
9) Benzaldehyde	6.62	77	368694	23.840	ng	98
10) Phenol	6.68	94	621089	24.289	ng	100
11) bis(2-Chloroethyl)ether	6.90	93	488787	24.330	ng	99
12) 1,3-Dichlorobenzene	7.35	146	538366	20.906	ng	99
13) 1,4-Dichlorobenzene	7.49	146	544082	20.870	ng	99
14) 1,2-Dichlorobenzene	7.80	146	535924	21.562	ng	98
15) Benzyl Alcohol	7.71	79	466261	27.434	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.99	45	623910	21.379	ng	100
17) 2-Methylphenol	7.92	107	422499	24.962	ng	98
18) Hexachloroethane	8.52	117	201233	21.046	ng	97
19) n-Nitroso-di-n-propylamine	8.27	70	459568	30.300	ng	99
20) 3+4-Methylphenols	8.24	107	586742	26.027	ng	98
22) Acetophenone	8.28	105	843681	22.323	ng	99
24) Nitrobenzene	8.65	77	643117	24.368	ng	99
25) Isophorone	9.18	82	1161949	25.620	ng	99
26) 2-Nitrophenol	9.36	139	263962	23.168	ng	97
27) 2,4-Dimethylphenol	9.43	122	399607	20.951	ng	100
28) bis(2-Chloroethoxy)methane	9.66	93	759792	24.209	ng	99
29) 2,4-Dichlorophenol	9.89	162	468095	21.707	ng	98
30) 1,2,4-Trichlorobenzene	10.09	180	539985	20.353	ng	99
31) Naphthalene	10.27	128	1632123	21.573	ng	100
32) Benzoic acid	9.58	122	343183m	27.956	ng	
33) 4-Chloroaniline	10.40	127	705376	21.474	ng	98
34) Hexachlorobutadiene	10.56	225	313296	19.809	ng	98
35) Caprolactam	11.20	113	172440m	26.973	ng	
36) 4-Chloro-3-methylphenol	11.55	107	571755	27.176	ng	99
37) 2-Methylnaphthalene	11.90	142	1217298	23.115	ng	100
38) 1-Methylnaphthalene	12.12	142	1170637	23.418	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.28	216	602200	17.370	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	171126	9.047	ng		100
43) 2,4,6-Trichlorophenol	12.54	196	416182	20.799	ng		98
44) 2,4,5-Trichlorophenol	12.62	196	413923	19.851	ng		98
46) 1,1'-Biphenyl	12.94	154	1647589	19.456	ng		99
47) 2-Chloronaphthalene	12.97	162	1297853	20.563	ng		98
48) 2-Nitroaniline	13.20	65	419942	25.551	ng		97
49) Acenaphthylene	13.83	152	2008230	21.486	ng		100
50) Dimethylphthalate	13.59	163	1676490	22.673	ng		100
51) 2,6-Dinitrotoluene	13.71	165	361539	23.375	ng		98
52) Acenaphthene	14.18	154	1228952	20.098	ng		99
53) 3-Nitroaniline	14.04	138	389765	21.890	ng		99
54) 2,4-Dinitrophenol	14.26	184	165619	22.679	ng		98
55) Dibenzofuran	14.52	168	1952670	21.874	ng		99
56) 4-Nitrophenol	14.37	139	276114	20.175	ng		98
57) 2,4-Dinitrotoluene	14.51	165	498681	24.611	ng		99
58) Fluorene	15.17	166	1602849	22.095	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.76	232	396370	21.796	ng		98
60) Diethylphthalate	14.97	149	1713600	23.834	ng		100
61) 4-Chlorophenyl-phenylether	15.18	204	784724	21.053	ng		98
62) 4-Nitroaniline	15.21	138	391786m	20.987	ng		
63) Azobenzene	15.47	77	1681945	25.905	ng		97
65) 4,6-Dinitro-2-methylphenol	15.28	198	240256	23.030	ng		94
66) n-Nitrosodiphenylamine	15.40	169	1410119	20.721	ng		99
67) 4-Bromophenyl-phenylether	16.07	248	513331	20.719	ng		98
68) Hexachlorobenzene	16.19	284	627560	21.720	ng		99
69) Atrazine	16.36	200	431970	19.526	ng		98
70) Pentachlorophenol	16.53	266	299125	19.412	ng		100
71) Phenanthrene	16.92	178	2611513	20.777	ng		99
72) Anthracene	17.00	178	2501062	20.531	ng		99
73) Carbazole	17.29	167	2387100	21.058	ng		100
74) Di-n-butylphthalate	17.86	149	2896157	22.532	ng		100
75) Fluoranthene	18.94	202	2970716	20.945	ng		100
77) Benzidine	19.14	184	765630	12.231	ng		99
78) Pyrene	19.31	202	3105856	20.770	ng		99
80) Butylbenzylphthalate	20.23	149	1375986	24.211	ng		99
81) Benzo(a)anthracene	21.07	228	3094963	20.928	ng		99
82) 3,3'-Dichlorobenzidine	21.01	252	1110598	21.176	ng		100
83) Chrysene	21.12	228	3018635	21.054	ng		99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1982666	23.545	ng		100
85) Di-n-octyl phthalate	21.87	149	3347793	24.945	ng		100
86) Indeno(1,2,3-cd)pyrene	25.33	276	3877278	22.658	ng	#	100
88) Benzo(b)fluoranthene	22.59	252	3342278	20.392	ng		99
89) Benzo(k)fluoranthene	22.63	252	3362548	20.676	ng		99
90) Benzo(a)pyrene	23.13	252	3124128	20.685	ng		99
91) Dibenzo(a,h)anthracene	25.33	278	3201236	20.264	ng		99
92) Benzo(g,h,i)perylene	25.96	276	3089823	20.592	ng		99

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

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